

JOURNAL
of the
**AMERICAN VETERINARY
MEDICAL ASSOCIATION**

Index for Volume 208

No. 1 – 12 January – June 1996

**AMERICAN VETERINARY MEDICAL
ASSOCIATION**

1931 N MEACHAM RD, SUITE 100, SCHAUMBURG, IL 60173-4360

Index to News

A

Accreditation

- Assessing the quality of education, 1214
- Mexican school seeking accreditation, 1214
- Two veterinary medical schools reaccredited, 1214

Acupuncture

- Alternate Therapies Committee formed, 318
- AAEP acupuncture lecture gets point across, 325

Adoption, Pet

- Program aids seniors in adopting pets, 1004

Advertising

- Beware of misleading classified ad solicitation, 329

Agriculture

- Farm bill signed into law; establishes fund for agricultural research, 1774

Alliance of Veterinarians for the Environment

- Environmental problem solving: Are you ready?, 807

Alternative Therapies

- Alternative modalities under review, 1209

American Animal Hospital Association

- AAHA regional awards for 1995, 19
- AAHA introduces client needs survey, 812

American Association for Laboratory Animal Science

- Laboratory animal science, 645

American Association of Equine Practitioners

- AAEP board approves strategic plan, 324
- Attendance record shattered at AAEP convention, 324
- AAEP acupuncture lecture gets point across, 325
- Researcher inducted into equine hall of fame, 326
- AAEP recommends restriction of equine dentistry of equine dentistry to veterinary profession, 813
- Veterinarians can benefit by backing check-off bill, 813
- Uniform medication guidelines urged by AAEP, 815
- AAEP awards research grants, 1003
- Auburn and Tuskegee host equine dental workshop, 1221

American Association of Food Hygiene Veterinarians

- Food Notes, 650

American Association of Swine Practitioners

- AASP appoints panel to address porcine reproductive and respiratory syndrome, 811
- Efficient production AASP meeting theme, 1376

American Association of Veterinary State Boards

- Changes sought in composition of technician testing committee, 804
- Technician examination fees increase slightly, 805

American Board of Veterinary Practitioners

- American Board of Veterinary Practitioners, 1005
- Veterinary Practitioners, 1219

American Board of Veterinary Specialties

- Veterinary specialties reviewed, 1610

American College of Veterinary Laboratory Diagnosticians

- Laboratory diagnosticians, 330

American College of Veterinary Microbiologists

- American College of Veterinary Microbiologists, 644
- Veterinary microbiologists, 645

American College of Veterinary Pathologists

- New Diplomates, 644
- Veterinary pathologists, 645

American College of Veterinary Radiology

- Veterinary Radiology, 330

American College of Veterinary Surgeons

- Veterinary surgeons, 812
- Diplomates—American College of Veterinary Surgeons, 1614

American College of Zoological Medicine

- American College of Zoological Medicine, 1220, 1221

American Humane Association

- Videos on early-age neutering, 176

American Journal of Veterinary Research

- AJVR: uniting veterinary, biomedical researchers, 14

American Society for the Prevention of Cruelty to Animals

- Undercritters sponsored by AVMA, 465

American Society for Veterinary Clinical Pathologists

- Veterinary clinical pathology, 812

American Society of Veterinary Ophthalmology

- Assemblies—Veterinary ophthalmologists, 1784

American Veterinary Dental College

- Dentistry service honored, 331

American Veterinary History Society

- Assay your essay with history society, 18

American Veterinary Medical Foundation

- Foundation awards 1996 grants, 467
- AVMF invites research proposals, 1779

Aminoglycosides

- Aminoglycoside proposal defeated, 462

Amphibians

- Reptilian, amphibian veterinarians call for papers, 1007

Animal Welfare

- Welfare of cats depends on humankind, 169
- Animal welfare, education benefit from AVMA support, 175
- Veterinarians should (must?) report animal abuse, 175
- Beer-drinking image for dogs not acceptable, 176
- Science of animal well-being elevated to academic discipline, 180
- Welfare at pregnant mare urine farms examined, 320
- Safe horse transportation legislation introduced, 466
- Tale of a whale: Keiko's journey, 639
- Ringling opens Center for Elephant Conservation, 641

Antibiotics

- Aminoglycoside proposal defeated, 462
- European veterinary federation calls for ban on antibiotic growth promoters, 1007

Antimicrobial Susceptibility

- FDA reveals plans for antimicrobial susceptibility monitoring, 459

Appointments, Professional

- Animal Medical Center names new chief of staff, 1006
- Dean appointed at Tufts, 1006

- White is FSIS poultry program coordinator, 1366
Rebar named Purdue dean, 1379
King to be dean at Michigan, 1616
Georgia dean named, 1784
Oregon dean named, 1784
- Aquatic Animal Medicine**
Tale of a whale: Keiko's journey, 639
- Artwork**
Exhibition showcases "Animals in Art," 1783
- Association of American Veterinary Medical Colleges**
Minority recruitment is theme at Iverson Bell symposium, 328
- Association of Reptilian and Amphibian Veterinarians**
Reptilian, amphibian veterinarians call for papers, 1007
- AVMA Alternate Therapies Committee**
Alternate Therapies Committee formed, 318
- AVMA Animal Welfare Committee**
1996 Forum to emphasize human-canine bond, 174
AVMA endorses "Three R" tenet, 175
Sikarskie up for TAG on humane traps, 175
Veterinarians should (must?) report animal abuse, 175
AVMA adopts position on exhibition of livestock, 176
Change in spay/neuter position disapproved, 176
Welfare at pregnant mare urine farms examined, 320
- AVMA Animal Welfare Forum**
Ecker honored for exemplifying oath, 169
Welfare of cats depends on humankind, 169
Placing value on our feline friends, 172
Animal Welfare Award: Submit your '96 nominations, 174
1996 Forum to emphasize human-canine bond, 174
- AVMA Appointments**
Oliver to be USP delegate, 462
- AVMA Aquaculture and Seafood Advisory Committee**
Aquaculture and Seafood Advisory Committee floats ideas, 635
- AVMA Auxiliary**
Picture your pet in JAVMA, 13
- AVMA Budget and Financial Review Committee**
Budget is an open book under new system, 1209
- AVMA Center for Information Management**
Announcing the AVMA's Biennial Economic Survey, 999
- AVMA Committee on Alternate Therapies**
Alternative modalities under review, 1209
Alternate Therapies Committee formed, 318
- AVMA Committee on Alternative and Complementary Veterinary Medicine**
Alternative modalities under review, 1209
- AVMA Committee on Environmental Affairs**
Helping to protect biodiversity for human, ecosystem health, 996
Environmental issues part of veterinary mission, 997
The greening of the profession, 997
- AVMA Committee on Human-Animal Bond**
Human-animal bond issues addressed by Geneva Declaration, 177
- AVMA Committee on Veterinary Medical Informatics**
Data standards subcommittee approved, 317
Decision postponed on World Wide Web server, 317
Development of national database proposed, 317
Microchip vendors need common standards, 318
- AVMA Committee on Veterinary Technician Education and Activities**
Distance learning being accepted in veterinary technology programs, 464
- AVMA Constitution and Bylaws**
Proposed amendments reviewed by board, 635
Proposed Amendments to the AVMA Constitution and Bylaws, 1618
- AVMA Convention**
Ahead by a nose: a preview of Louisville, 801
Dermatology takes on new complexion at convention, 993
The greening of the profession, 997
Food animal/equine program coordinators, 1213
Rapt audience attention goal for food animal equine sessions, 1213
Moderators needed for 1996 annual meeting, 1214
VCE Forum planned for Louisville, 1214
Hitting the issues more than a one-man job, 1370
Poultry program draws cosmopolitan flock, 1371
Personal and Professional Development coordinators, 1609
Personal development a professional pursuit at AVMA convention, 1609
"Other" convention activities a big responsibility, 1776
Program chairman: Run for the Roses, 1949
- AVMA Convention Management and Program Committee**
Convention format policy established, 320
AVMA heads to Bluegrass State for 1995 Convention, 636
Committee looks to modify new graduate convention registration, 636
Ahead by a nose: a preview of Louisville, 801
Food animal/equine program coordinators, 1213
Hitting the issues more than a one-man job, 1370
Public and Corporate Practice coordinators, 1370
Poultry program draws cosmopolitan flock, 1371
Personal and Professional Development coordinators, 1609
Personal development a professional pursuit at AVMA convention, 1609
"Other" convention activities a big responsibility, 1776
Program chairman: Run for the Roses, 1949
- AVMA Council on Biologic and Therapeutic Agents**
AVMA conveys concerns to CVM on dipyrone ban, 460
Separate manufacturing standards needed for veterinary drugs: AVMA, 461
Aminoglycoside proposal defeated, 462
Oliver to be USP delegate, 462
- AVMA Council on Education**
Assessing the quality of education, 1214
Mexican school seeking accreditation, 1214
Two veterinary medical schools reaccredited, 1214
Curriculum, Student Essentials under study, 1215
- AVMA Council on Governmental Affairs**
Council explores veterinary potential in national museum, 318
- AVMA Council on Public Relations**
AVMA commissions authoritative "pet care" book, 464
Get them involved, PR council says, 464
Undercritters sponsored by AVMA, 465
- AVMA Council on Veterinary Service**
Microchip vendors need common standards, 318
- AVMA Councils and Committees**
Alternate Therapies Committee formed, 318
What is the AVMA doing for me?, 457
Board acts on full agenda, 1598
Board names trust/committee representatives, 1604
A round of applause for AVMA service, 1778

AVMA Executive Board

- Data standards subcommittee approved, 317
- Veterinarians should (must?) report animal abuse, 175
- AVMA adopts position on exhibition of livestock, 176
- Human-animal bond issues addressed by Geneva Declaration, 176
- Decision postponed on World Wide Web server, 317
- What is the AVMA doing for me?, 457
- Aminoglycoside proposal defeated, 462
- AVMA supports Pharmacy Compounding Preservation Act, 462
- Canine hybrids as pets opposed by AVMA, 462
- AVMA: talking with the members, 463
- Take action, eliminate brucellosis reservoir, AVMA says, 463; Letter: 463
- AVMA commissions authoritative "pet care" book, 464
- Underwriters sponsored by AVMA, 465
- FYI: Executive Board approvals, 466
- Safe horse transportation legislation introduced, 466
- Board approves immediate attention on OSHA issues, 467
- Companion animal electronic identification given nod by board, 467
- Licensure by endorsement to go to House, 467
- Annotation would bar VMAs from volume profiting, 634
- Adding teeth to the Model Practice Act, 635
- Proposed amendments reviewed by board, 635
- New Board members look ahead to July, 1210
- Board acts on full agenda, 1598
- AVMA considers independent Spay Day, 1600
- Focus group to clarify messages from forums, 1603
- Board names trust/committee representatives, 1604

AVMA Finances

- Budget is an open book under new system, 1209

AVMA Governmental Relations Division

- Roundtable luncheons assemble agency leaders, 12

AVMA Group Health and Life Insurance Trust

- Members insured in AVMA trust Major Medical Program need to be aware of provider benefits, 18
- A valuable prescription drug benefit, 638
- Getting certified: whos and hows, 1373

AVMA Headquarters

- AVMA's area code has changed, 320

AVMA Honor Roll Member Steering Committee

- Honor roll members surveyed for interest, 637

AVMA House Advisory Committee

- Campaign study committee launched, 466
- House to consider 10 resolutions, 1948

AVMA House of Delegates

- House to consider 10 resolutions, 1948
- Adding teeth to the Model Practice Act, 635

AVMA Judicial Council

- Adding teeth to the Model Practice Act, 635

AVMA Meetings

- Roundtable luncheons assemble agency leaders, 12
- Your presence requested, 13
- AVMA: talking with the members, 463
- AVMA heads to Bluegrass State for 1996 Convention, 636
- Committee looks to modify new graduate convention registration, 636
- AVMA symposium "designed for everyone," 801
- Symposium throws "floodlight of hope" on student debt, practice economics gloom, 1593
- Focus group to clarify messages from forums, 1603

AVMA Membership and Field Services Division

- What's your membership status?, 468

AVMA Membership Enhancement Committee

- Honor roll members surveyed for interest, 637

AVMA Membership Services

- What is the AVMA doing for me?, 457

AVMA Milk Quality Committee

- Milk Quality Committee addresses residue test kits, 1372

AVMA Officers

- Roundtable luncheons assemble agency leaders, 12
- Your presence requested, 13
- AVMA begins year with new CEO, 315
- Campaign study committee launched, 466
- Freeman: a frank response to issues of the day, 1606
- A presidential preview: Mary Beth Leininger's Kaleidoscopic view of the profession, 1950

AVMA Professional Liability Insurance Trust

- Trust discusses employment practices liability, 316
- Trust to accept nominations to replace Owen, 1000
- Understanding workers' compensation audits, 1000
- Prevent theft in your practice, 1780

AVMA Public Information

- AVMA symposium "designed for everyone," 801

AVMA Staff

- AVMA begins year with new CEO, 315
- Gorr of AVMA staff retires, 329
- New marketing director relying on AVMA members, 804
- AVMA staff celebrate 20-year anniversaries, 805

AVMA Veterinary Medical Assistance Team

- Veterinary Medical Assistance Team deployment considered success, 15

AVMA Veterinary Technician Testing Committee

- Changes sought in composition of technician testing committee, 804

Awards

- Ecker honored for exemplifying oath, 169
- AAHA regional awards for 1995, 19
- Animal Welfare Award: Submit your '96 nominations, 174
- Texas A&M honors alumni, 181
- Villegas inducted in Hall of Fame, 181
- Researcher inducted into equine hall of fame, 326
- Dentistry service honored, 331
- Illinois alumni honored, 331
- Salmon Award conferred, 331
- Spell elected agriculture commissioner, 331
- AVMA upgrades science fair awards, 465
- Alumnus of the Year, 646
- Morris foundation announces fellows, 646
- Nilson earns alumni award, 646
- Senator Borst takes honors, 646
- A Small Spell-ing error, 646
- Sled dog research honored, 1006
- Dog Hero of the Year a brave lifesaver, 1218
- Veterinarian recipient of achievement award, 1221
- First VMAT receives national honor, 1605
- Eight honored in Michigan, 1616
- Kansas alumnus honored, 1784

B

Behavior

- Study looks at compulsive behavior in dogs, 641
- Kitten personality test could predict adult behavior, 642

Biomedical Research

- The search for solutions: Veterinarians explore causes of Gulf War syndrome, 1945
- Blood donor horses call veterinary clinic home, 1003

Bone Lengthening

Veterinary surgeons gather for course on bone-lengthening device, 1613

Books

If the mule don't kick, you must acquit, 1781
Pet stories wanted, 1781

Bovine Species

USDA dairy project slated, 181
Researcher exploring fat intake for cows, 1374

Bovine Spongiform Encephalopathy

Bovine spongiform encephalopathy: Keep your perspective... avoid sensationalism, 993
BSE: What APHIS is doing, 994
BSE emergency meeting inspires confidence over US safeguards, 1362
Hueston serving on Britain's BSE committee, 1363
Profession, federal agencies support voluntary ban on ruminant-derived feed, 1363
Additional resources on BSE, 1365
The WHO recommendations on BSE: what they mean to the United States, 1771
Bovine spongiform encephalopathy resources, 1772

British Spongiform Encephalopathy Advisory Committee

Hueston serving on Britain's BSE committee, 1363

Brucellosis

Take action, eliminate brucellosis reservoir, AVMA says, 463;
Letter: 463
Brucellosis among foremost USAHA resolutions, 642

C

Canine Hybrids

Canine hybrids as pets opposed by AVMA, 462

Canine Species

"Healthy Heart" awareness continues in 1996, 181
Study looks at compulsive behavior in dogs, 641
Dog Hero of the Year a brave lifesaver, 1218
Dogs effective stress relievers, 1220
Cardiac disease CD-ROM introduced, 1222
Paralysis research moves along, 1784
Proper nutrition a concern for ultimate athlete, 1955

Careers

AVMA invests in profession's financial future with seminar, 178
Crusading for unconventional careers, 332

CD-ROM

Cardiac disease CD-ROM introduced, 1222

Client Education

Client education goal of "Read. Reach. Remember.," 640

Comparative Respiratory Society

Respiratory Society, 1219

Computers

Veterinary School libraries enter computer age, 1005
NOAH's orbit growing, 1777

Conference of Research Workers in Animal Disease

Research conference dedicated to Bohl, 327

Continuing Education

VCE Forum planned for Louisville, 1214

Coronary Artery Disease

Study confirms dog ownership linked to survival from coronary artery disease, 1004

Councils and Committees

Budget is an open book under new system, 1209

D

Deaths, 19, 182, 334, 470, 651, 816, 1008, 1222, 1624, 1786

DEA

DEA clarifies faxed prescription ruling, 179
DEA announces toll-free number, 809

Dentistry

AAEP recommends restriction of equine dentistry of equine dentistry to veterinary profession, 813
Auburn and Tuskegee host equine dental workshop, 1221

Dipyron

AVMA conveys concerns to CVM on dipyron ban, 460

Disaster Medicine

PHS veterinarians help islanders weather storm's aftermath, 15
Veterinary Medical Assistance Team deployment considered success, 15
Veterinarians join bird rescue effort after oil spill, 1375
First VMAT receives national honor, 1605
Wisconsin train derailment turns veterinarians into heroes, 1611

Distance Learning

Distance learning being accepted in veterinary technology programs, 464

Dog Ownership

Study confirms dog ownership linked to survival from coronary artery disease, 1004

Donations

Equine colic research funded, 19

Drug Availability

Legislative efforts continue on animal drug availability, 1772

Drug Compounding

AVMA supports Pharmacy Compounding Preservation Act, 462

Drug Residues

Milk Quality Committee addresses residue test kits, 1372

Drugs

CVM bans extra-label fluoroquinolone use in food animals, 11
DEA clarifies faxed prescription ruling, 179
AVMA conveys concerns to CVM on dipyron ban, 460
Separate manufacturing standards needed for veterinary drugs: AVMA, 461

Drug Use

Proper drug use: an issue in milk screening tests, 995

E

Eastern States Veterinary Association

Eastern States Veterinary Association holds conference, 1220

Economics

AVMA invests in profession's financial future with seminar, 178

Symposium throws "floodlight of hope" on student debt, practice economics gloom, 1593

Education

Distance learning being accepted in veterinary technology programs, 464

Electronic Identification

Microchip vendors need common standards, 318

Companion animal electronic identification given nod by board, 464

International standard adopted for electronic identification of animals, 633

FDA regulates animal electronic ID products, 809

Elephants

Ringling opens Center for Elephant Conservation, 641

Environment

Environmental problem solving: Are you ready?, 807

Helping to protect biodiversity for human, ecosystem health, 996

Video may help with safe disposal of waste, 997

Epidemiology

Epidemiology system development becoming top priority, 648

Equine Encephalomyelitis

VEE outbreak under control, 805

Equine Species

Welfare at pregnant mare urine farms examines, 320

Safe horse transportation legislation introduced, 466

People, horses share strong human-animal bond, 469

Blood donor horses call veterinary clinic home, 1003

Euthanasia brochure targets horse-owning clients, 1212

Equine piroplasmosis issue for Olympic Games, 1616

Equine brochures available, 1782

Escherichia coli

FDA reveals plans for antimicrobial susceptibility monitoring, 459

Food Notes, 650

Ethics

Annotation would bar VMAs from volume profiting, 634

Fee splitting unethical even when client is informed, 634

Euthanasia

Euthanasia brochure targets horse-owning clients, 1212

F

Fat Ratio

Researcher exploring fat intake for cows, 1374

FDA

CVM bans extra-label fluoroquinolone use in food animals, 11

FDA issues interim selenium rule, 179

A step closer to reality: Professional flexible labeling for animal drugs, 457

FDA reveals plans for antimicrobial susceptibility monitoring, 459

AVMA conveys concerns to CVM on dipyrone ban, 460

Separate manufacturing standards needed for veterinary drugs: AVMA, 461

Fluoroquinolone working group report available, 633

FDA regulates animal electronic ID products, 809

Proper drug use: an issue in milk screening tests, 995

Profession, federal agencies support voluntary ban on ruminant-derived feed, 1363

Legislative efforts continue on animal drug availability, 1772

Federally Assisted Housing

Right to pet ownership closer for seniors and disabled in federally assisted housing, 1945

Federation of Veterinarians of Europe

European veterinary federation calls for ban on antibiotic growth promoters, 1007

Feed, Ruminant

Profession, federal agencies support voluntary ban on ruminant-derived feed, 1363

Feline Species

Welfare of cats depends on humankind, 169

Placing value on our feline friends, 172

Kitten personality test could predict adult behavior, 642

Fluoroquinolones

CVM bans extra-label fluoroquinolone use in food animals, 11

Fluoroquinolone working group report available, 633

Food Safety

New technologies challenge conventional wisdom, 17

Food safety requires vision and vigilance, 323

Epidemiology system development becoming top priority, 648

USDA regulatory reforms to improve meat and poultry safety, 648

Yersinia enterocolitica: an emerging threat, 649

Food Notes, 650

Pathogen-free broilers not on the horizon, 650

Salmonella in culled cows focus of study, 995

European veterinary federation calls for ban on antibiotic growth promoters, 1007

Foodborne illness prevention before slaughter? Yes!, 1366

Reopening Russia's doors to US poultry: The team approach pays off, 1773

Microbial carcass reduction technologies count, 1785

Institute unveils new food safety publication, 1952

G

Genetics

Zoo fire impacts Species Survival Plans, 642

Grants

Foundation awards 1996 grants, 467

Tuskegee embraces unique teaching concept through center, 647

Research projects funded by Grayson Jockey Club, 813

AAEP awards research grants, 1003

Gulf War Syndrome

The search for solutions: Veterinarians explore causes of Gulf War syndrome, 1945

H

Health and Human Services

The search for solutions: Veterinarians explore causes of Gulf War syndrome, 1945

A Defense-Public Health union yields laboratory animal medicine program, 1954

Heart Disease

Cardiac disease CD-ROM introduced, 1222

Heartworm/Heart Disease

"Healthy Heart" awareness continues in 1996, 178

Human-Animal Bond

- "LifeLink" benefits pets of people in need, 1612
- 1996 Forum to emphasize human-canine bond, 174
- Human-animal bond issues addressed by Geneva Declaration, 177
- Two JAVMA features debut, 178
- People, horses share strong human-animal bond, 469
- Even Presidents depend on their pets, 810
- Dog Hero of the Year a brave lifesaver, 1218
- Dogs effective stress relievers, 1220

Human Beings

- Study confirms dog ownership linked to survival from coronary artery disease, 1004

Humane Traps

- Sikarskie up for TAG on humane traps, 175

Humane Treatment

- Safe horse transportation legislation introduced, 466

I

Insurance

- Trust discusses employment practices liability, 316
- A valuable prescription drug benefit, 638
- Getting certified: whos and hows, 1373
- International Organization for Standardization
- International standard adopted for electronic identification of animals, 633

International Sled Dog VMA

- Sled dog research honored, 1006
- Proper nutrition a concern for ultimate athlete, 1955
- International Sled Dog VMA, 1956
- Sled dog veterinarians honored, 1956

International Veterinary Medical Conference

- Memorial lecture in Germany, 331

International Veterinary Medicine

- Foreign veterinarians visit AVMA headquarters, 179
- German veterinarians visit Kansas, 646
- Hosting the world community of veterinarians, 806
- Operation Baker-Blade: Veterinary personnel from two armies meet, 814; Letter: 1788
- Observations on livestock health in Thailand, Vietnam, 1001
- Mexican school seeking accreditation, 1214
- Adventures in Paradise: A veterinary volunteer in the South Pacific, 1216
- An international presence requested, 1617
- Reopening Russia's doors to US poultry: The team approach pays off, 1773
- The search for solutions: Veterinarians explore causes of Gulf War syndrome, 1945
- Proper nutrition a concern for ultimate athlete, 1955

J

Journal of the AVMA

- Picture your pet in JAVMA, 13
- Two JAVMA features debut, 178

L

Laboratory Animal Medicine

- A Defense-Public Health union yields laboratory animal medicine program, 1954

Lawsuits

- Radiologist wins pay discrimination, unfair termination suit against Angell, 321

Leadership Development

- Leadership conference sets sights on year 2005, 1379

Legislation

- AVMA supports Pharmacy Compounding Preservation Act, 462
- Safe horse transportation legislation introduced, 466
- Veterinarians can benefit by backing check-off bill, 813
- AVMA considering support of National Institute for the Environment, 997
- Legislative efforts continue on animal drug availability, 1772
- Farm bill signed into law; establishes fund for agricultural research, 1774
- Right to pet ownership closer for seniors and disabled in federally assisted housing, 1945

Libraries, Veterinary Schools

- Veterinary School libraries enter computer age, 1005

Licensing

- Licensure by endorsement to go to House, 467

LifeLink

- "LifeLink" benefits pets of people in need, 1612

Litigation

- Radiologist wins pay discrimination, unfair termination suit against Angell, 321

Livestock Conservation Institute

- Institute unveils new food safety publication, 1952
- LCI addresses issues ranging from trade to BSE, 1953

M

Marketing

- AVMA acts as advocate, clearinghouse in Recomm dispute, 315

Meat Inspection

- Food Notes, 650
- BSE emergency meeting inspires confidence over US safeguards, 1362

Michigan Veterinary Conference

- Eight honored in Michigan, 1616

Milk

- Proper drug use: an issue in milk screening tests, 995

Minority Groups

- Minority recruitment is theme at Iverson Bell symposium, 328

Model Veterinary Practice Act

- Adding teeth to the Model Practice Act, 635

Morris Animal Foundation

- Morris foundation announces fellows, 646

N

National Mastitis Council

- Assemblies—Mastitis council, 1615

National Milk Producers Federation

- Salmonella in culled cows focus of study, 995

National Pet Week

- Pet Week '96 coming soon, 13
- Picture your pet in JAVMA, 13
- Service announcements promote Pet Week, profession, 999
- Join the circle of love, 1211
- Contest captures colorful variety, 1367
- We Just Couldn't Decide, 1369

NOAH

- NOAH's orbit growing, 1777

Nutrition

- Proper nutrition a concern for ultimate athlete, 1955

O

Oiled Wildlife Care Network

- California veterinarians lead oiled wildlife care network, 16

Oil Spills

- California veterinarians lead oiled wildlife care network, 16
- Veterinarians join bird rescue effort after oil spill, 1375

Orthopedic Foundation for Animals

- Thyroid, heart disease registries introduced, 322

OSHA

- Board approves immediate attention on OSHA issues, 467

Overpopulation, Dogs and Cats

- Welfare of cats depends on humankind, 169
- Alley Cat Allies, 174
- Spay Day USA '96 a unique opportunity, 177
- Climb on the Spay Day USA bandwagon, 468
- AVMA considers independent Spay Day, 1600
- Pinning hopes on neutering, 1617

Owls

- New England winter hurts owls, 1613

P

Pan American Association of Veterinary Sciences

- An international presence requested, 1617

Paralysis

- Paralysis research moves along, 1784

Pet Adoption

- Shelters join nationwide effort for pet adoption, 647

Pet Ownership

- Right to pet ownership closer for seniors and disabled in federally assisted housing, 1945

Pets

- AVMA commissions authoritative "pet care" book, 464
- Dogs effective stress relievers, 1220

Pharmacy Compounding Preservation Act

- AVMA supports Pharmacy Compounding Preservation Act, 462

Photo Contest

- Contest captures colorful variety, 1367
- We Just Couldn't Decide, 1369

PHS

- Crusading for unconventional careers, 332

Porcine Reproductive and Respiratory Syndrome

- AASP appoints panel to address porcine reproductive and respiratory syndrome, 811

Porcine Species

- Fire destroys UW-Madison swine research center, 640

Poultry

- Pathogen-free broilers not on the horizon, 650
- Reopening Russia's doors to US poultry: The team approach pays off, 1773

Practice Management

- AVMA acts as advocate, clearinghouse in Recomm dispute, 315

Professional Examination Service

- Changes sought in composition of technician testing committee, 804
- Technician examination fees increase slightly, 805

Professional Labeling

- A step closer to reality: Professional flexible labeling for animal drugs, 457

Public Relations

- Spay Day USA '96 a unique opportunity, 177
- "Healthy Heart" awareness continues in 1996, 181
- AVMA commissions authoritative "pet care" book, 464
- AVMA upgrades science fair awards, 465
- Undercritters sponsored by AVMA, 465
- Climb on the Spay Day USA bandwagon, 468
- Client education goal of "Read. Reach. Remember.", 640
- Shelters join nationwide effort for pet adoption, 647
- Service announcements promote Pet Week, profession, 999
- Massachusetts VMA targets clients with brochure explaining costs, 1378
- Equine brochures available, 1782

R

Rabies

- Rabies vaccine program deemed successful, 1215
- Spring distribution of raccoon rabies vaccine begins in Massachusetts, 1782

Raccoons

- Spring distribution of raccoon rabies vaccine begins in Massachusetts, 1782

Racetrack Medicine

- Uniform medication guidelines urged by AAEP, 815

Recomm

- AVMA acts as advocate, clearinghouse in Recomm dispute, 315
- Recomm declares bankruptcy, looks to restructure, 803
- Creditors committee appointed to work with Recomm, 998
- Veterinary committee remains active in ongoing Recomm negotiations, 1776

Reptiles

- Reptilian, amphibian veterinarians call for papers, 1007

Research

- Equine colic research funded, 19
- Research projects funded by Grayson Jockey Club, 813
- AAEP awards research grants, 1003
- Researcher exploring fat intake for cows, 1374
- Farm bill signed into law; establishes fund for agricultural research, 1774

Research Animals

- AVMA endorses "Three R" tenet, 175
- Fire destroys UW-Madison swine research center, 640

Retirement

- Retirements announced, 1006

S

Salmonella spp

- Salmonella* in culled cows focus of study, 995

Selenium

- FDA issues interim selenium rule, 179

Senior Citizens

- Program aids seniors in adopting pets, 1004

Space Shuttle

- Veterinarian to be mission specialist on space shuttle, 1779

Spay Day USA

- Climb on the Spay Day USA bandwagon, 468
- AVMA considers independent Spay Day, 1600

Specialties

- Specialty designations getting a second look, 634
- Veterinary specialties reviewed, 1610

Species Survival Plans

- Zoo fire impacts Species Survival Plans, 642

Sports Medicine

- Veterinary surgeons gather for course on bone-lengthening device, 1613

State and Local VMAs

- Wisconsin VMA, 180
- Florida VMA, 330
- Photo contest inspires horseplay, 644
- Kentucky VMA, 645
- New York State VMS, 645
- German veterinarians visit Kansas, 646
- Maine VMA, 812
- SCVMA, 812
- Arkansas VMA, 1007
- Delaware VMA, 1007
- District of Columbia VMA, 1007
- Michigan VMA, 1219
- Texas VMA, 1219
- Rhode Island VMA, 1220
- Western Veterinary Conference held, 1221
- Massachusetts VMA targets clients with brochure explaining costs, 1378
- Kansas VMA, 1379
- Louisiana VMA, 1615
- Massachusetts VMA, 1615
- New Jersey VMA, 1615
- Ohio VMA, 1615

Sterilization

- Change in spay/neuter position disapproved, 176
- Videos on early-age neutering, 176
- Spay Day USA '96 a unique opportunity, 177
- Climb on the Spay Day USA bandwagon, 468
- AVMA considers independent Spay Day, 1600

Student AVMA

- Hosting the world community of veterinarians, 806
- Oklahoma State hosts SAVMA symposium, 1614

Surgery

- Veterinary surgeons gather for course on bone-lengthening device, 1613

Survey

- AAHA introduces client needs survey, 812

Symposium

- Symposium throws "floodlight of hope" on student debt, practice economics gloom, 1593

T

Theft

- Prevent theft in your practice, 1780

Theriogenology

- Two JAVMA features debut, 178

Turtles

- Turtle benefits from university/aquarium partnership, 1782

U

Union of European Veterinary Practitioners

- European veterinary federation calls for ban on antibiotic growth promoters, 1007

US Animal Health Association

- Brucellosis among foremost USAHA resolutions, 642

US Army Veterinary Corps

- Operation Baker-Blade: Veterinary personnel from two armies meet, 814; Letter: 1788

USDA

- New technologies challenge conventional wisdom, 17
- USDA dairy project slated, 181
- Food safety requires vision and vigilance, 323
- APHIS facilities expansion endorsed, 461
- Veterinarian heads USDA risk assessment office, 646
- Epidemiology system development becoming top priority, 648
- USDA regulatory reforms to improve meat and poultry safety, 648
- Food Notes, 650
- Bovine spongiform encephalopathy*: Keep your perspective... avoid sensationalism, 993
- BSE: What APHIS is doing, 994
- Salmonella* in culled cows focus of study, 995
- BSE emergency meeting inspires confidence over US safeguards, 1362
- Profession, federal agencies support voluntary ban on ruminant-derived feed, 1363
- Foodborne illness prevention before slaughter? Yes!, 1366
- White is FSIS poultry program coordinator, 1366
- Ban on repackaged vaccines in effect, 1373
- Reopening Russia's doors to US poultry: The team approach pays off, 1773
- Microbial carcass reduction technologies count, 1785

US Public Health Service

- USPHS veterinarians help islanders weather storm's aftermath, 15
- Crusading for unconventional careers, 332
- A Defense-Public Health union yields laboratory animal medicine program, 1954

V

Vaccination

- Rabies vaccine program deemed successful, 1215

- Spring distribution of raccoon rabies vaccine begins in Massachusetts, 1782
- Vaccines, Repackaged**
Ban on repackaged vaccines in effect, 1373
- Venezuelan Equine Encephalitis Virus**
VEE outbreak under control, 805
- Vesicular Stomatitis**
Vesicular stomatitis downturn encouraging, 14
All VS-affected premises released from quarantine, 323
Vesicular stomatitis outbreak declared over, 809
- Veterinary Cancer Society**
Cancer society, 330
- Veterinary Colleges**
"LifeLink" benefits pets of people in need, 1612
Veterinary cardiology professorship endowed, 19
Science of animal well-being elevated to academic discipline, 180
Alumnus of the Year, 646
Nilson earns alumni award, 646
Tuskegee embraces unique teaching concept through center, 647
Dean appointed at Tufts, 1006
Mexican school seeking accreditation, 1214
Two veterinary medical schools reaccredited, 1214
Curriculum, Student Essentials under study, 1215
Auburn and Tuskegee host equine dental workshop, 1221
Rebar named Purdue dean, 1379
New England winter hurts owls, 1613
King to be dean at Michigan, 1616
Turtle benefits from university/aquarium partnership, 1782
Veterinary students refine animal handling skills through Locker Labs, 1783
Georgia dean named, 1784
Oregon dean named, 1784
Paralysis research moves along, 1784
- Veterinary Education**
AVMA invests in profession's financial future with seminar, 178
Minority recruitment is theme at Iverson Bell symposium, 328
Veterinary students refine animal handling skills through Locker Labs, 1783
A Defense-Public Health union yields laboratory animal medicine program, 1954
- Veterinary Medical Database**
Development of national database proposed, 317
- Veterinary Orthopedic Society**
Assemblies—Veterinary orthopedists, 1784
- Veterinary Students**
Veterinarians play central role in horse endurance competition, 327
Get them involved, PR council says, 464
- Veterinary Technician National Examination**
Technician examination fees increase slightly, 805
- Veterinary Technicians**
Changes sought in composition of technician testing committee, 804
Technician examination fees increase slightly, 805
- Videos**
Videos on early-age neutering, 176
Video may help with safe disposal of waste, 997
- Volunteer Work**
Hosting the world community of veterinarians, 806
Observations on livestock health in Thailand, Vietnam, 1001
Adventures in Paradise: A veterinary volunteer in the South Pacific, 1216
- W**
- World Association of Veterinary Educators**
Educator leads WAVE, 331
- World Health Organization**
The WHO recommendations on BSE: What they mean to the United States, 1771
- World Wide Web**
Decision postponed on World Wide Web server, 317
- Y**
- Yersinia enterocolitica***
Yersinia enterocolitica: an emerging threat, 649
- Z**
- Zoo Animal Medicine**
Ringling opens Center for Elephant Conservation, 641
Zoo fire impacts Species Survival Plans, 642

Index to Names

PERSONALS

- Abelson, GR, 1956
Abrutyn, D, 1615
Ahl, AS, 646
Albers, H, 330
Allaben, LW, 1219
Allen, DK, 330
Ames, ER, 315
Ames, NK, 1616
Ardans, AA, 330
Arthur, RM, 324
Aspros, DG, 645
Atwill, ER, 467
- Backe, R, 1220
Barrett, RE, 19
Barrows, PL, 1616
Bean, MS, 645
Beard, GB, 331, 1609
Bernard, P, 1615
Betts, H, 1615
Bevill, R, 331
Beyer, JC, 468
Bilberry, JD, 1007
Blackwell, MJ, 332
Bohl, EH, 327
Bonagura, JD, 19
Borst, LM, Jr, 646
Brown, C, 1379
Burkhard, MJ, 812
- Celly, CS, 1219
Chambers, R, 330
Chapman, EB, 645
Childers, H, 1219
Clader, JD, 1219
Clarke, NP, 181
Clune B, 805
Cockerell, GL, 645
Coffey, M, 1220
Cork, LC, 645
Craig, AM, 1006
Cuellar, GB, 812
Cummings, CG, 19
Cummings, M, 1615
- Dailey, S, 1615
Davieds, KP, 1368
Davis, J, 1615
Davis, JE, 1615
DeBruin, S, 1615
Dee, L, 330
Dee, S, 1377
Desmecht, D, 1219
Dierks, R, 1006
Dietl, RA, 1210
Dindonis, LL, 1616
Dommert, AR, 315
Dorn, CR, 1370
Duchan, H, 19
Dyger, RW, 645
- Ecker, C, 169
Ellis, R, 1001
Erasmus, BJ, 326
Eubanks, T, 1007
Eyster, GH, 1616
- Farrell, RD, 645
Feldman, BF, 812
Fleischman, RW, 19
Foley JE, 467
Forsgren, B, 1615
Fortney, WD, 1379
Franklin, RT, 19
- Freeman, JI, 1606
French, DM, 468
Friderici, AJ, 645
- Garcia, E, 19
Garrido, A, 804
Garvey, MS, 645
Gayle, LG, 1219
Gerson, L, 1369
Glauer, D, 1615
Glenn, JS, 1221
Glover, DJ, 331
Godwin, J, 330
Gordon, R, 1615
Gorr, J, 329
Griffiths, DW, 180
Gustafson, TD, 1956
Guttery, S, 330
- Hadick, C, 1776
Hanebutt, PF, 1007
Harroff, HH, Jr, 645
Hase, R, 330
Hathcock, J, 330
Hayes, J, 1615
Heffron, EC, 1219
Helfand, SC, 468
Helfat, M, 1615
Helphrey, M, 330
Henrikson, DM, 1379
Henson, L, 1615
Henton, JE, 1949
Herman, J, 1615
Herriot, J see Alf Wight
Hibbs, CM, 1221
Hill, HT, 1378
Hines, JA, 180
Hirt, R, 1001
Hodges, KK, 645
Hoff, HS, 467
Hogg, A, 1378
Hollinger, G, 1615
Holmes, M, 645
Hottinger, HA, 812
Hueston, W, 1363
Hull, BL, 812
Hull, R, 1954
- Iman, W, 1615
Itkin, RJ, 646
Ivie, RA, 181
- Jaax, NK, 1784
Jewell, CG, 1615
Johnston, P, 1615
Jones, JB, 1216
- Kahler, S, 805
Kaplan, B, 649
Kennedy, K, 1615
Kerr, L, 330
Khanna, C, 330
Kindred, TP, 1007
King, LJ, 1616
King, OH, III, 1956
Kinnard, D, 1219
Knapp, LR, 1616
Knowles, J, 330
Koester, GH, 1616
Kopcha, M, 1219
Kosch, PC, 1006
Kuenzi, JE, 19
Kuhn, R, 1219
Kyles, AE, 646
- Lackey, M, 646
Larsen, N, 1369
Law, D, 1784
Lees, GE, 468
Legendre, AM, 1616
Leininger, MB, 12, 1950
Lenz, TR, 646
Levine, KR, 19
Light, J, 1614
Lindsay, RD, 1615
Linnehan, RM, 1779
Little, BWL, 315
LoGiudice, R, 331
Lopez, MJ, 1003
Low, DG, 993
- MacArthur, RA, 1220
MacWilliams, PS, 180
Marder, M, 1219
Marshall, MR, 643
Meiring, R, 1615
Miksch, D, 645
Miller, E, 1375
Miller, RM, 469
Mills, F, II, 330
Mills, QB, 331
Mizra, MH, 1003
Mohanty, S, 1006
Morgan, S, 1368
Morrison, WB, 330
Mostoller, TL, 19
Murphy, ST, 812
Mytton, J, 1369
- McAllister, M, 468
- Nash, R, 1615
Nicoletti, P, 330
Nielsen, DH, 645
Nilson, MA, 646
- O'Brien, K, 1369
O'Neal, G, 1220
Oehme, FW, 1945
Oliver, JW, 462
Olson, PN, 1945
- Palmer, S, 1219
Park, R, 1610
Paul, PK, 1368
Pawlish, RA, 180
Pearson, JE, 330
Pedigo, RT, 1007
Peterson, DH, 180
Pidgeon, GL, 1006
Pike, T, 645
Platt, KB, 467
Potgieter, L, 1610
Prasse, K, 1784
Priest, GY, 645
Putnam, HD, 1219
- Quinn, A, 1784
- Radney, J, 1369
Radney, T, 1369
Raught, J, 1001
Rebar, AH, 1379
Reed, CA, 649
Ridenour, S, 1615
Ripple, D, 1379
Ritmeester, A, 1003
Robertson, V, 801
Roen, DT, 806
- Rogers, HA, 1210
Rueff, L, 1378
Russell, T, 331
- Saunders, B, 645
Schmidt, KE, 1956
Schoen, A, 325
Schumacher, J, 1220
Schwarz, W, 1219
Scott, MA, 1003
Seaton, VA, 1221
Seda, L, 466
Sedrish, SA, 1003
Seedle, CD, 331
Severin, GA, 19
Shepard, W, 812
Sherlock, P, 1379
Shewen, P, 328
Siddique, IH, 331
Sikarski, J, 175
Simmons, EJ, 1003
Simmons, G, 330
Simpson, D, 1375
Sischo, WM, 467
Skillen, R, 812
Slocum, B, 19
Smith, G, 1784
Smith, H, 1219
Smith, JD, 646
Smith, P, 330
Smith, R, 1219
Sosnowski, J, 1007
Spears, J, 805
Spell, L, Jr, 331, 646
Stoskopf, MK, 1220
Strahm, S, 318
Sutton, G, 1367
Swanson, TD, 324
- Threfall, W, 1213
Topper, MJ, 1007
Trostle, SS, 812
Turner, L, 330
Twitchell, M, 1368
Tyler, RD, 812
- Van Alstine, WG, 330
Velders, RW, 1612
Vice, TE, 1616
Villegas, P, 181
Vincent, LL, 330
- Waldrip, D, 1371
Weigler, BJ, 645
Welch, JA, 812
Whaley, E, 330
White, P, 1366
Whitehair, LA, 645
Whitley, EM, 467
Wiggs, R, 1219
Wiggs, RB, 181
Wight, A, 1230
Wilhelm, R, 330
Wilkins, BE, 812
Williams, LL, 643
Williamson, JT, 19
Willson, J, 1615
Wilson, M, 1377
Wilson, RC, 1784
Wollen, T, 1001
Wood, JA, 181
Woody, T, 1007
Wright, J, 1220
- Zigler, M, 1784

DEATHS

Adams, JL, 334
Appleton, WL, 470
Autrey, GM, 470

Beiebtreu, GN, 182
Benson, WR, 1786
Bither, HD, 1008
Blankenship, JA, 19
Bloomberg, MS, 470
Bloor, BW, 1624
Bramel, RG, 651
Brashear, JH, 816
Brinson, AO, 1008
Brown, FH, 1786
Bruce, RA, 19
Burns, JG, 334
Butzow, RF, 19

Calhoon, JR, 1624
Candlin, FT, 19
Clark, HA, 1008
Conley, WK, 470
Cunningham, JC, 1008

Dansky, SP, 1008
Davis, GE, 334
Dole, JR, 20

Earls, EK, 1008
Eckstein, JB, 182

Flint, EW, 182
Frank, CB, 651

Garvin, CH, 651
Geibel, AL, 1624
Gier, WT, 20
Gitz, GH, III, 816

Hanna, GE, 1624
Harris, GD, 1222
Haubrich, WR, 182
Henderson, W, 651
Hoehner, BA, 1786
Hoge, RS, 20
Houeye, EE, 1008

Johnson, WF, 652

Keeler, JR, 652
Keller, GE, 182
Kelley, MC, 652
Kempema, JA, 470
Kinghorn, DB, 470
Kingrey, DR, 182
Kinsey, LA, 182
Kiracofe, LH, 816
Knaus, DH, 20

Lackey, OM, 1222
Laitinen, D, 1786
Legner, AA, 182
Leighy, CD, 1786
Lapon, EL, 182
Lewis, RW, 20
Live, I, 1008

Lohrenz, RP, 470
Lopez, B, 1624
Loyd, PT, 1008
Lynch, WM, 816

MacKinnon, JL, 1222
Mank, GC, 652
Meyers, H, 1786
Miller, EB, 334
Miller, RA, 1008
Molnau, DE, 20
Murphy, JL, 816
Myers, PJ, 470

McGrath, DJ, 1008
McKinley, BK, 1009
McLeod, SN, 816
McVane, JJ, 20
McWade, DH, 334

Nadler, HE, 20
Nelson, RL, 1008
Nix, MS, Jr, 20

O'Quinn, JB, 334
Oetjen, BD, 1624
Owen, HD, Jr, 1008

Porter, WN, 334

Reed, IT, 1009
Reichel, G, 334
Ristic, M, 1009
Rozell, JA, 470

Sammons, ML, 816
Schwab, CA, 1009
Schwalbe, WG, 1222
Scothorn, MW, 1222
Seide, SH, 1009
Sevelius, F, 652
Sharma, UD, 652
Simensen, AM, 652
Smith, GL, 652
Sook, RM, 1009
Stella-Cintron, C, 182
Stevenson, AH, 1786
Strange, RK, 816

Tabbut, HM, 652
Tekse, LC, 20
Tempero, MW, 470
Thayer, MK, 1222
Thom, LW, 182
Towers, CM, 1786

Urbatsch, RW, 182

Wenzler, JM, 334
Westbrook, RL, 20
Whitehead, JC, 470
Whiteus, RG, 20, 652
Wood, DA, 1786

Young, TJ, 816

CONTRIBUTORS

Adams, LG, 531
Adams, R, 107
Ahmadi, A, 1054
Albrecht, MA, 1975
Alderink, FJ, 1803
Alexander, JE, 829
Allen, D, Jr, 704
Allen, DA, 366, 1855
Allen, DG, 1882
Altekruse, S, 1399
Anderson, BC, 185
Anderson, DE, 111
Anderson, GA, 1452
Anderson, KL, 1983
Anderson, MA, 883
Anderson, ML, 92
Anderson, RK, 2012
Angarano, DW, 1412
Angulo, FJ, 1396, 1398
Araya, L, 1630, 1636
Archbald, LF, 1651
Ardans, A, 92
Atkins, CE, 75
Atwill, ER, 1290, 1295
Auge, PM, 475
Avidar, Y, 1702

Baetz, AL, 1695
Bagley, RS, 69
Bailey, JE, 1859
Bailey, MQ, 1235
Baird, AN, 111, 261
Baker, FE, 475
Baker, GE, 2013
Baldwin, CJ, 240
Ball, MA, 704
Bamsey, SC, 1882
Barbee, D, 888
Barbee, DD, 835
Barber, JA, 1438
Barghusen, S, 23
Barnes, S, 237
Barr, BC, 92
Barrett, L, 1400
Bartels, KE, 1263
Bartges, JW, 80
Bartlett, PC, 258
Barton, CL, 1248
Beadle, RE, 248
Bech-Nielsen, S, 401
Beck, KA, 347
Becker, SC, 361
Beckham, HP, Jr, 81
Behrend, EN, 537
Belknap, EB, 901
Bennett, DG, 1866
Beran, GW, 390
Bermudez, V, 1630, 1636
Berry, CR, 2020
Berry, SL, 1054
Bertone, JJ, 190, 835
Bertoy, EH, 1268
Besser, TE, 841, 2047
Beyer, JC, 237
Bezek, DM, 1015
Binder, R, 29
Birchard, S, 2016
Birchard, SJ, 1855
Bird, KA, 547
Bittle, JL, 1962
Bjorkman, C, 1441

Blackwell, TE, 22
Blagburn, BL, 263
Bley, J, 185
Blikslager, AT, 337
Block, G, 531, 1789
Bloom, A, 188
Bloomberg, MS, 517
Bogin, E, 1702
Bonnett, BN, 1882
Bonnot, CE, 552
Boothe, HW, 380, 1849
Boynton, S, 474
Bravo, PW, 2027
Brewer, JS, 1777
Brewer, WG, 1413
Bristol, DG, 337
Brooks, M, 352
Broome, MR, 875
Brouman, JD, 1855
Brown, C, 1228
Brown, CC, 1038
Brown, SA, 1285
Brunson, D, 227
Bruskiewicz, K, 1811
Buback, JL, 186, 380, 846
Buck, JD, 727
Buffington, CA, 674
Bukowski, JA, 1228
Bulgin, MS, 1063
Buntain, B, 1396
Burns, MG, 481
Burrow, JA, 1687
Buscaglia, C, 1630, 1636
Bustad, LK, 203
Byars, TD, 1300

Canonica, G, 1775
Carmichael, KP, 1277
Carpenter, LG, 695
Carpenter, TE, 863
Carter, GK, 665
Case, JT, 92
Casteel, SW, 371
Cattell, MB, 107
Cebra, CK, 901
Cebra, ML, 901
Cecchini, C, 2013
Center, SA, 234
Cerny, JH, 184
Cesar, D, 1630, 1636
Chaffin, MK, 665, 1649
Chapman, PL, 252
Chase, CCL, 1626
Chastain, CB, 371
Chauvet, AE, 1387
Chen, R, 1702
Chengappa, MM, 711
Chun, R, 1413
Clark, AS, 860
Clark, CK, 1687
Clark, FD, 707
Clark, GN, 1679
Clark, KA, 1827
Clark, KJ, 552
Clevenger, J, 177, 181
Cliver, D, 339
Coffee, G, 1005
Cohen, ND, 697
Cole, DJ, 1649
Collins, MT, 1872, 1877
Constable, PD, 117, 349, 879

- Cook, JL, 1019, 1975
 Cooke, JC, 727
 Cooper, R, 559
 Cornelius, CE, 1962
 Correa, MT, 1630, 1636
 Cortese, VS, 393, 1627
 Costello, LM, 1792
 Cote, E, 672
 Cowgill, LD, 1043
 Cravens, RL, 2031
 Crawford, LM, 472
 Crawshaw, GJ, 2019
 Cullen, JM, 72
 Cutlip, RC, 117
- D'Esopo, JD, 338
 Dabareiner, RM, 895
 Dabbs, D, 316
 Daft, BM, 92
 Dargatz, DA, 1866
 Darien, DL, 1274, 1387
 Daristotle, L, 174, 177
 Davalos, JL, 1630, 1636
 Davidow, B, 1960
 Davidson, MG, 891
 Davies, PR, 1058
 Day, FG, 655
 de Madron, E, 672
 Deen, J, 1058
 DeHoff, WD, 1855
 Dennis, LE, 1809
 Deshler, D, 1630, 1636
 DeWitt, W, 1065
 Dial, SM, 1838
 DiBartola, SP, 875
 Dickey, DT, 1263
 Dickinson, CE, 1866
 Dickson, AM, 1709
 Dierauf, L, 29
 Dierauf, LA, 1788
 Dinsmore, RP, 107
 Dixon, BC, 61, 199
 Dodds, WJ, 1792
 Dodman, NH, 376, 688
 Donnellan, L, 18
 Donnellan, LJ, 651, 1374
 Donoghue, AR, 1886
 Donoghue, S, 1816
 Dritz, SS, 711
 Dubash, K, 401
 Dubey, JP, 263
 Dubilzeig, RR, 1413
 Dublin, AB, 1268
 Dubovi, EJ, 102, 2035
 Dunkerley, SC, 898, 1238
 Dunlop, CI, 252
 Dunn, JL, 727
 DuVernoy, T, 1788
 Dyer, KR, 1051
 Dyson, SJ, 1434
- Eastridge, ML, 1445
 Edens, LM, 97
 Edwards, JF, 1849
 Eisele, C, 1877
 Elkins, AD, 1838
 Ellis, JA, 393, 1627
 Ellsworth, MA, 2031
 Elvinger, F, 1267
 Erb, HN, 2035, 2043
 Erdman, SE, 1285
 Erskine, RJ, 258
 Estberg, L, 92
 Estill, CT, 710
 Evans, SM, 385
- Faggella, AM, 371
 Fales, WH, 1695
 Farber, M, 481
 Farnsworth, R, 2016
 Farrar, ET, 243
 Farris, J, 879
 Feldman, EC, 1268
 Feldman, MS, 1268
 Feldmann, BM, 1798
 Feyerherm, A, 356, 678, 1030, 1821
 Filho, AB, 1630, 1636
 Fischer, A, 1277
 Fogleman, RW, 1961
 Foley, GL, 117
 Foley, J, 474
 Font, A, 184
 Forster, DL, 208
 Fowler, ME, 2027
 Fox, JG, 1285
 Fox, LE, 1413
 Fox, LK, 555
 Fox, MW, 23, 1628
 Fradkin, JM, 338
 Frankén, P, 1705
 Franklin, WL, 408
 Frasca, S, Jr, 727
 Freeman, DE, 336
 Friedman, R, 1393
 Fry, TR, 1263
 Fulton, R, 1280
- Gardner, IA, 92, 863
 Garland, S, 234
 Garry, FB, 107, 901
 Gaskns, CT, 555
 Gasper, PW, 1280
 Gaughn, EM, 111
 Gay, JM, 488, 555
 Gaydos, JK, 658
 Gaynor, JS, 2013
 Gearhart, MS, 476
 Gehrke, BC, 206, 473, 486, 999, 1254, 1660
 Gemmill, LT, 1383
 Genetzky, R, 1865
 Geoly, FJ, 72
 Gerloff, BJ, 716
 Gilger, BC, 1692
 Glanzberg, G, 1791
 Glover, TL, 891
 Gloyd, JS, 11, 179, 459
 Godshalk, CP, 2034
 Gonder, E, 340, 1226
 Gonder, EC, 1016
 Goodband, RD, 711
 Goodger, WJ, 1872, 1877
 Goodrich, LR, 895
 Gookin, JL, 2020
 Gordon, DA, 1791
 Gores, BR, 1975
 Gröhn, YT, 102, 2035, 2043
 Grauer, GF, 537
 Greco, DS, 537
 Grendahl, LG, 1612
 Griffith, G, 29
 Griffiths, AO, 188
 Groman, RP, 537
 Gross, EM, 1381
 Gross, MM, 1019
 Groves, MG, 248
 Grubb, TL, 349
 Gustafson, BW, 1052
 Gwinn, AE, 821
- Haas, KB, 473
 Haggstrom, J, 2009
 Hahn, KA, 1413
 Halbert, LW, 258
 Hammer, AS, 1413
 Hancock, DD, 2047
 Hanks, GH, 692
 Hannah, HW, 38, 359, 682, 1034, 1394, 1825
 Hansen, BD, 366
 Hanson, RR, 898
 Harpster, NK, 347
 Harrington, KS, 248
 Harris, CK, 1248
 Harrison, R, 1962
 Hartman, EG, 1705
 Hartwick, JR, 24
 Hassard, LE, 393
 Head, LL, 542
 Heise, KM, 1695
 Helton, M, 24
 Henderson, M, 1700
 Hendrick, MJ, 385
 Hendrickson, DA, 404
 Henik, R, 1022
 Henry, CJ, 237
 Henry, GA, 1263
 Herdt, TH, 1694
 Herrera, GA, 1709
 Herrick, JB, 196, 478, 826, 1641, 1966
 Hinchcliff, KW, 879
 Hoblet, KH, 1445
 Hobson, HP, 380
 Hoida, G, 1381
 Holland, M, 559, 1683
 Holmdahl, M, 1441
 Holyoak, GR, 706
 Honig, SU, 1653
 Honnas, CM, 665
 Hooper, BE, 1402
 Hooper, RN, 905
 Hoover, JP, 74
 Hosgood, G, 1838
 Hoskins, JD, 510
 Houpt, KA, 376, 1653
 Houston, DM, 542
 Howe, LM, 1849
 Hubbell, JAE, 1859
 Huber, M, 692
 Hudson, JA, 1709
 Hudson, LC, 1679
 Humble, JA, 1232
 Humburg, J, 898
 Hunter, RL, 408
 Hurley, DJ, 1626
- Ihle, SL, 240
 Ilkiw, JE, 1043
- Jenkins, SR, 214
 Joakim, O, 1441
 Johansson, O, 1441
 Johnson, BJ, 92
 Johnson, E, 1791
 Johnson, GC, 1695
 Johnson, GL, II, 258
 Johnson, PJ, 1238
 Johnson, SE, 1235
 Johnston, WB, 1667
 Jorgensen, RR, 318
 Juneja, K, 2009
- Kamarudin, MI, 555
 Kanaly, ST, 33
- Kaneene, JB, 1988
 Kanter, R, 75
 Kaplan, B, 323, 649, 994, 1366, 1786
 Karreman, GA, 1625
 Kass, PH, 85, 1043
 Kawasaki, TA, 1285
 Keen, CL, 688
 Kelly, EJ, 707
 Kennis, RA, Jr, 1048
 Kern, DA, 81
 Kerpsack, SJ, 1235
 Kesel, LM, 2013
 Kienle, RD, 835
 Kinden, DA, 883
 King, LG, 1419, 1428
 King, VL, 547
 Kinnamon, KE, 1794
 Kintzer, PP, 85
 Kirk, JH, 1054
 Klaassen, JK, 389
 Klasner, JS, 1413
 Klein, PN, 1380
 Klohnen, AAO, 404
 Knapp, D, 1302
 Knight, AP, 1866
 Knowles, KE, 688
 Kocen, J, 474
 Koch, SA, 900
 Koehler, LA, 547
 Kraus, KH, 61
 Krytenberg, DS, 2047
 Kuntz, CA, 692
 Kvart, C, 2009
 Kyles, AE, 72
- Lacroix, CA, 1664
 LaFlamme, DP, 674
 Lam, TJGM, 1705
 Landsberg, G, 502
 Lane, TJ, 483
 Lanevski, A, 237
 Lang, AG, 1014
 Lasley, BL, 2027
 Lautner, B, 1403
 Lawler, DF, 1273
 Lennart, S, 2009
 Leontides, L, 863
 Leroux, AJ, 835
 Letonja, T, 190
 Levy, JK, 69
 Lewis, DD, 1838
 Lewis, LA, 483
 Li, Z, 1285
 Liem, A, 1452
 Lin, H-C, 111
 Lincoln, SD, 1063
 Lindsay, DS, 263
 Lingeman, JE, 531
 Linkenheil, R, 475
 Linn, HC, 111, 261
 Linn, K, 231
 Little, CJL, 2004
 Loew, FM, 1230
 Loizeaux, PS, 1794
 London, CA, 1413
 Long, B, 1226, 1960
 Longshore, RC, 667
 Loy, JK, 100
 Ludwig, LL, 1235
 Luescher, UA, 376, 1026
 Lugten, P, 28
 Luke, C, 524
 Lulich, J, 547
 Lund, EM, 547

- Maas, JP, 1054
Macrae, AW, 2004
Maddox, CW, 1695
Malarkey, DE, 69
Mallinckrodt, CM, 2013
Manderino, DM, 1383
Mani, I, 537
Mann, FA, 883
Mann, FE, Jr, 552
Mansfield, PD, 1242
Marble, SL, 97
Marks, SL, 237
Marsh, WE, 547
Marshall, AE, 1238
Marshall, CL, 1983
Mason, RM, Jr, 338
Mather, G, 1063
Mayer, JA, 1791
Mayhew, IG, 1434
Meacham, A, 1000
Mechor, GD, 102, 656, 2035, 2043
Meek, AH, 1882
Mehan, DS, 821
Meier, WA, 117
Memon, M, 1630, 1636
Merritt, AM, 1687
Meyer, EK, 339, 361
Meyer, RW, 1228
Micinilio, J, 1382
Miller, BE, 1277
Miller, DC, 1058
Miller, GY, 208
Miller, J, 498
Miller, M, 829
Miller, MA, 1699
Miller, PE, 1227
Miller, RM, 1015
Millr, M, 1277
Mills, ML, 559
Mitchell, KJ, 1612
Mohammed, H, 1630, 1636
Mohammed, HO, 1290, 1295
Moon, PF, 720
Moon-Fanelli, AA, 688
Mooney, CT, 2004
Moore, BR, 1711
Moore, FM, 1285, 1845
Moore, RM, 1385
Morales, JA, 263
Morely, PS, 1627
Morin, D, 117
Morley, PS, 393
Morrow, WEM, 1058
Morselt, ML, 1705
Mott, JCP, 1274
Muir, WW, 366
Murphy, CJ, 227, 1227
Murphy, MJ, 352
Musser, J, 102
Musser, JMB, 656
Myers, MJ, 1700

McAnulty, JF, 1284
McCauley, MD, 184
McCaw, DL, 1413
McEntee, MC, 1413
McGrath, M, 1961

Nasisse, MP, 891
Navarre, CB, 905
Nelson, RW, 1268
Nelssen, JL, 711
Neuwirth-Roberts, L, 1977

Nichols, ES, 231
Nickolaus, SM, 339
Nietfeld, JC, 711
Nitschelm, SH, 237
Nixon, M, 875
Nordlund, KV, 1872, 1877
Nordquist, RE, 1263
Norris, AM, 1413
Nunn, JW, 371
Nusbaum, SR, 1964

O'Brien, RT, 385
O'Keefe, DA, 1413
Oakes, MG, 1838
Ogilvie, GK, 1413
Oliver, J, 1838
Oliver, JE, 35, 1277
Olivier, NB, 1048
Osborn, SD, 1235
Osborne, CA, 547
Ott, RS, 1969
Oulton, SA, 695

Pablo, L, 1859
Palazzolo, C, 356, 678, 1030, 1390, 1821
Palmquist, RE, 1791
Parent, C, 1419, 1428
Parks, A, 704
Parsons, TD, 863
Partington, BP, 1385
Pascoe, JR, 1434
Pascoe, PJ, 1043
Paul, EM, 821
Paul-Murphy, J, 227
Pavletic, MM, 1679
Pelletier, J, 1872, 1877
Peloso, JG, 697
Perris, EE, 665
Peterson, J, 352
Peterson, JL, 1248
Peterson, ME, 85
Petrus, D, 1022
Piermattei, DL, 695
Pifer, SM, 240
Pirtle, EC, 390
Playter, RF, 1959
Pluhar, GE, 888
Pollari, FL, 1882
Porter, S, 1788
Post, D, 1788
Prater, DA, 190
Prichard, JT, 1788
Prucha, J, 1400
Pugh, DG, 111, 261

Quimby, FW, 1630, 1636

Radney, TS, 475
Rae, DE, 829
Ramer, JC, 227
Ramos, JA, 1695
Ramsey, DT, 371
Rand, W, 376
Randle, RF, 1695
Randolph, JW, 28
Rawlings, CA, 1277
Rea, DE, 2047
Read, DH, 92
Reed, CA, 17, 323, 649, 994, 1366, 1786
Regula, K, 638, 1947
Reid, MH, 1268
Reisner, I, 376

Reisner, IR, 1653
Remfry, J, 520
Reynolds, DH, 1302
Reynolds, JP, 1054
Ribble, CS, 542
Rice, K, 2013
Richards, JR, 505
Rickhill, AD, 1410
Riemann, H, 339
Riley, R, 316
Rings, DM, 1445
Rishniw, M, 1811
Rivas, AL, 1630, 1636
Roark, MJ, 1382
Robinson, I, 376
Rockhill, AD, 1410
Roeder, BL, 707
Rogers, KS, 1248
Root, CR, 1236
Rosen, DK, 1280
Ross, WA, 1988
Rosser, EJ, 1048
Roussel, AJ, Jr, 905
Ruble, KR, 33
Rupiper, D, 474
Rutberg, AT, 1380

Sadeh, T, 1381
Salman, MD, 328, 537
Sanders, SG, 2047
Sanderson, MW, 488
Sandler, JL, 1979
Sarno, RJ, 408
Sartin, EA, 1709
Saunders, HM, 243
Savage, CJ, 97
Sawyer, DC, 1831
Schaaile, GB, 707
Schaeffer, DJ, 371
Schaefer, SA, 1263
Scheck, J, 483
Schertel, ER, 366, 1855
Schmacher, J, 100
Schmidt, KE, 879
Schneider, RK, 841
Schnitkey, GL, 1445
Schoenberg, LM, 820
Schoning, P, 1682
Schott, HC, II, 835, 1381
Schukken, YH, 1705
Schultz, SM, 1792
Schulz, KS, 1846
Schumacher, James, 100
Schumacher, John, 898, 1238
Schwartz, H, 1695
Schwartz, S, 1813
Schwarz, LA, 347
Schweinfurth, I, 475
Scott, GC, 1958
Seahorn, TL, 248
Sedrish, SA, 1385
Seltzer, KL, 1300
Shadduck, JA, 822
Shapiro, W, 1683
Shaw, N, 234
Shawhan, R, 846
Shin, S, 102
Shinn, RP, 24
Shiroma, JT, 97
Shor, AL, 1014
Shor, L, 1961
Shpigel, NY, 1702
Shulaw, WP, 401
Shuster, L, 376, 688
Slater, MR, 1248, 1849

Slemmons, RD, 401
Slenning, BD, 1038
Smilie, RH, 1445
Smith, CA, 1211, 1610
Smith, MM, 81, 1410
Smith-Carr, S, 692
Snowden, KF, 1846
Socokett, DC, 1877
Solomon, JA, 659
Sorensen, CD, 2031
Southwood, LL, 835, 1381
Sparling, PH, 1397
Spaulding, KA, 2020
Spodnick, GJ, 72, 1679
Staats, JJ, 711
Stabenau, EK, 720
Stair, EL, 1263
Standridge, CR, 850, 856
Stark, DR, 337
Steible, CK, 1687
Stein, BS, 875
Steinberg, H, 1274, 1387
Stell, KG, 337
Stenlund, S, 1441
Steward, D, 850, 856
Stewart, DR, 2027
Steyn, PF, 1691
Stills, HF, Jr, 401
Stilts, P, 1000
Stine, L, 1452
Stobie, D, 1683
Stoltz, J, 92
Stone, EA, 2020
Stone, WC, 404
Storz, J, 1452
Stover, SM, 92
Strange, SE, 1780
Streeter, V, 352
Strimple, EO, 24
Stubbs, WP, 1977
Sullins, KE, 895
Sullivan, SA, 35
Sullivan, TC, 891
Swalec Tobias, KM, 841, 888
Swenson, EP, 716
Swihart, EV, 1644

Taliophera, L, 905
Tamborello, TJ, 552
Taylor, A, 1026
Tennyson, A, 803, 998
Thacker, B, 403
Thomas, CB, 1877
Thompson, JR, 558
Thorsen, J, 1630, 1636
Thumchai, R, 547
Thurmon, JC, 349
Tidwell, AS, 688
Tobias, AH, 835, 1381
Tokach, MD, 711
Tollefson, L, 460
Tomasek, D, 870, 1256, 1674
Tomasek, DJ, 220, 492, 1998
Tomlinson, JL, 61
Topper, MJ, 263
Traub-Dargatz, JL, 1866
Trepianier, LA, 231, 234
Troedsson, MHT, 1438
Trostle, SS, 404
Tsai, J-S, 208
Tucker, RL, 33
Tyler, JW, 33, 829, 2047

Uggle, A, 1441
Ulrich, LK, 547

Vail, DM, 1413
 Valdez, RA, 349
 Van Buskirk, MA, Jr, 1402
 van der Woerd, A, 1692
 Van Winkle, TJ, 1419, 1428
 van Wuijckhuise, LA, 1705
 Vatis, NJ, 1434
 Vaughn, SD, 190
 Vermudez, V, 1630
 Villalobos, P, 263
 Virtala, A-MK, 2035, 2043

Wagner, AE, 252
 Wagner, DE, 1695
 Wagner-Mann, CC, 883
 Walden, MB, 1667
 Waldow, D, 831
 Walker, LM, 1419, 1428
 Walker, MA, 1846
 Walker, RW, 1048
 Wallace, K, 1248
 Washabau, RJ, 243
 Waterstrat, PR, 1016
 Watson, E, 1809
 Weghorn, JF, 475
 Weigand, C, 692
 Weiss, WP, 1445
 Wenzel, JGW, 261
 Wernette, KM, 329, 1372,
 1379, 1614, 1954
 Wertz, EM, 252, 2013

Wesley, IV, 1695
 White, AK, 2031
 White, DJ, 846
 White, J, 475
 White, MR, 2030
 White, NA, II, 1302
 White, SL, 1809
 Whitney, RA, Jr, 1788
 Widmer, WR, 531
 Wilkie, DA, 1692
 Williams, TD, 1831
 Wilson, JF, 1664
 Wilson, L, 2047
 Wilson, PJ, 1827
 Wolfe, DF, 1709
 Wolff, WA, 1695
 Wolfsdorf, K, 201, 1651
 Woode, GN, 552
 Woods, LW, 92
 Wortman, JA, 385
 Wright, IM, 1434
 Wright, KN, 75
 Wynn, SG, 821

Xu, Z, 552

Zachary, JF, 117
 Zamos, DT, 100
 Zasloff, RL, 512
 Ziemer, EL, 84
 Zydeck, FA, 820

PSAs Public Service Announcements

Two 30-second television PSAs on pet health are now available.



"Dental Care" features a veterinarian (with feline patient) describing the early warning signs of pet dental disease.

"Heart Health" features a veterinarian (with canine companion) alerting pet owners to the symptoms of heart disease in dogs.

Both PSAs encourage veterinary visits to detect or prevent serious health problems.

Share them with local TV stations, play them for clients or include them in educational events.

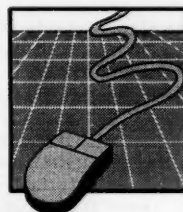
A single video containing both PSAs is \$44.95 (price includes shipping). Illinois residents add 8.25% tax.

To order, call AVMA Marketing Services at 1-800-248-2862, ext. 228. Visa and Mastercard accepted.

A cooperative project between the AVMA and the New Mexico-VMA.



We're making it easier for you to get information. With just a click of your mouse you can connect to NOAH® - AVMA's Network of Animal Health. NOAH® is a powerful communications tool that keeps you in touch with your colleagues and provides you with up-to-date information about the veterinary profession. For an economical flat rate of \$17.00 per month you get unlimited connect time on NOAH® that includes access to five professional forums, four databases, and Veterinary News. Plus with your CompuServe Membership (\$9.95 per month) you receive unlimited electronic mail to and from nearly any other online service, plus five free hours of CompuServe Services, including World Wide Web and Internet Access. **Don't wait - join today!**



NOAH®
 AVMA NETWORK OF ANIMAL HEALTH

Call AVMA or submit this NOAH membership Form to obtain your Starter Kit (\$6.50) today:

☐ Avma Member ☐ Non-AVMA Member (please send me the AVMA Non-Member Application)

Name: _____

Address: _____

City _____ State _____ Zip _____

Format (Please check one) ☐ DOS ☐ Macintosh ☐ Windows

Charge \$6.50 (AVMA members) to: ☐ VISA ☐ MasterCard Acct. No. _____ Exp. _____

Or make check payable to AVMA and mail to:

**Join today and receive your first
month of NOAH plus 10 hours of
CompuServe services FREE!**



AVMA Center for Information Management
 1931 North Meacham Road - Suite 100
 Schaumburg, IL 60173-4360

For a free brochure or further information regarding NOAH, please call AVMA at 800-248-2862, ext. 297 or send email to 72662.3434@compuserve.com

Index to Subjects

A

Abdomen

Laparoscopic surgical approach and anatomy of the abdomen in llamas [DE Anderson et al], 111

Abdominocentesis

Postpartum complications in a mare [D Waldow], 831

Abiotrophy

Clinical, hematologic, and biochemical features of a syndrome in Bernese Mountain Dogs characterized by hepatocerebellar degeneration [KP Carmichael et al], 1277

Abortion

Neosporosis-associated abortion in a dairy goat [JP Dubey et al], 263

Efficacy of a temperature-sensitive modified-live bovine herpesvirus type-1 vaccine against abortion and stillbirth in pregnant heifers [RL Cravens et al], 2031

Abscess

Hepatic abscesses in dogs: 14 cases (1982-1994) [ET Farrar et al], 243

Acidosis

Forestomach acidosis in six New World Camelids [CK Cebra et al], 901

Agricultural Subsidies

Farm programs and food animal practitioners [JB Herrick], 1641

Alpacas

Forestomach acidosis in six New World Camelids [CK Cebra et al], 901

Hormonal indicators of pregnancy in llamas and alpacas [PW Bravo et al], 2027

Amphibians

Veterinary nutritional management of amphibians and reptiles [S Donoghue], 1816

Amputation

Femoral head and neck excision in a dog that had previously undergone contralateral hind limb amputation [LG Carpenter et al], 695

Anatomy

Laparoscopic surgical approach and anatomy of the abdomen in llamas [DE Anderson et al], 111

Anesthesia

Incomplete atrioventricular dissociation in an anesthetized calf [TL Grubb et al], 349

Immobilization of guanacos by use of tiletamine/zolazepam [RJ Sarno et al], 408

Catheterization of the auricular vein in cattle: 68 cases (1991-1994) [AJ Roussel Jr, et al], 905

Case-control study of the association between intraoperative administration of nafcillin and acute postoperative development of azotemia [PJ Pascoe et al], 1043

Anesthesia, General

Evaluation of five common induction protocols by comparison of hemodynamic responses to surgical manipulation in halothane-anesthetized horses [AE Wagner et al], 252

Anesthetic and postanesthetic management of sea turtles [PF Moon et al], 720

Hyperkalemic periodic paralysis episode during halothane anesthesia in a horse [JE Bailey et al], 1859

Effect of intravenous administration of fluid on packed cell volume, blood pressure, and total protein and blood glucose concentrations in healthy halothane-anesthetized dogs [JS Gaynor et al], 2013

Anesthetics

Chemical restraint and anesthesia of sea otters affected by the oil spill in Prince William Sound, Alaska [DC Sawyer et al], 1831

Animal Behavior Case of the Month

Coprophagia, house soiling, and separation anxiety in a dog [A Taylor et al], 1026

Self-mutilation in a cat [S Schwartz], 1813

Animal Research

The immorality of nonhuman animal research [BM Feldmann], 1798

Animal Rights

The immorality of nonhuman animal research [BM Feldmann], 1798

Animal Selection

Animal selection and breeding techniques that create diseased populations and compromise welfare [RS Ott], 1969

Animal Welfare

Epidemiologic study of decubital ulcers in sows [PR Davies et al], 1058; Correction: 1881

Animal selection and breeding techniques that create diseased populations and compromise welfare [RS Ott], 1969

Animal Welfare Forum

Introduction, 497

Opening Remarks [MB Leininger], 498

The domestic cat: Perspective on the nature and diversity of cats [J Miller], 499

Feline behavior and welfare [G Landsberg], 502

Advances in feline health research: Impact on feline welfare of recent developments in vaccinology [JR Richards], 505

Population medicine and infectious diseases [JD Hoskins], 510

Cats and their people: A (nearly) perfect relationship [RL Zasloff], 512

Surgical neutering and nonsurgical alternatives [MS Bloomberg], 517

Feral cats in the United Kingdom [J Remfry], 520

Animal shelter issues [C Luke], 524

Antibiotics

Intramuscular administration of ceftiofur sodium versus intramammary infusion of penicillin/novobiocin for treatment of *Streptococcus agalactiae* mastitis in dairy cows [RJ Erskine et al], 258

Antimicrobials

Intramuscular administration of ceftiofur sodium versus intramammary infusion of penicillin/novobiocin for treatment of *Streptococcus agalactiae* mastitis in dairy cows [RJ Erskine et al], 258

Applications for Membership, 128, 273, 413, 589, 753, 941, 1157, 1312, 1548, 1721, 1899, 2153

Arrhythmia

- Supraventricular tachycardia in four young dogs [KN Wright et al], 75

Arthritis

- Use of antimicrobial-impregnated polymethyl methacrylate beads for treatment of chronic, refractory septic arthritis and osteomyelitis of the digit in a bull [SS Trostle et al], 404

- Sepsis of the ulnaris lateralis bursa and elbow joint in a horse [S Carson Dunkerley et al], 1238

Arthroplasty

- Evaluation of shelf arthroplasty as a treatment for hip dysplasia in dogs [MG Oakes et al], 1838

Atrium, Right

- Use of a modified surgical approach to the right atrium for retrieval of heartworms in a dog [CA Kuntz et al], 692

AVMA PAC

- Assessment of the AVMA Political Action Committee's recent past and future [MS Gearhart], 476

Azotemia

- Case-control study of the association between intraoperative administration of nafcillin and acute postoperative development of azotemia [PJ Pascoe et al], 1043

B

Beef Production

- Veterinary involvement in management practices of beef cow-calf producers [MW Sanderson], 488

Behavior

- Effect of dietary protein content on behavior in dogs [NH Dodman et al], 376
Feline behavior and welfare [G Landsberg], 502
Behavioral changes associated with suspected complex partial seizures in Bull Terriers [NH Dodman et al], 688
Breaking the human-companion animal bond [KA Houpt et al], 1653
Self-mutilation in a cat [S Schwartz], 1813

Behavior Disorders

- Coprophagia, house soiling, and separation anxiety in a dog [A Taylor et al], 1026

Biochemistry

- Pretreatment clinical and laboratory findings in dogs with hypoadrenocorticism: 225 cases (1979-1993) [ME Peterson et al], 85
A rapid method for determination of blood glucose concentration in cattle [BL Roeder et al], 707

Bioethics, Veterinary

- Veterinary bioethics [MW Fox], 1628

Blood Pressure

- Effect of intravenous administration of fluid on packed cell volume, blood pressure, and total protein and blood glucose concentrations in healthy halothane-anesthetized dogs [JS Gaynor et al], 2013

Board Certification

- Job analysis of specialists in veterinary surgery [D Knapp et al], 1302

Bone, Cortical

- Evaluation of cortical bone damage and axial holding power of nonthreaded and enhanced threaded pins placed with and without drilling of a pilot hole in femurs from canine cadavers [MA Anderson et al], 883

Book Reviews

- Beef Cattle Feeding and Nutrition. Second Edition [TH Herdt], 1694
Care of the Racing Greyhound. A Guide for Trainers, Breeders and Veterinarians [P Schoning], 1682
Diseases of Dairy Cattle [JR Thompson], 558
Ecology and Environmental Management of Lyme Disease [AR Donoghue], 1886
The Equine Manual [R Genetzky], 1865
Fields and Pastures New. My First Year as a Country Vet [W DeWitt], 1065
Fish Diseases. Diagnosis and Treatment [MR White], 2030
Geriatrics & Gerontology of the Dog and Cat [JW Bartges], 80
Handbook of Small Animal Dermatology [RK Anderson], 2012
Handbook of Veterinary Obstetrics [CT Estill], 710
Kirk's Current Veterinary Therapy XII. Small Animal Practice [EL Ziemer], 84
Laboratory Profiles of Small Animal Diseases: A Guide to Laboratory Diagnosis. Second Edition [FM Moore], 1845
Managing a Veterinary Practice [R Friedman], 1393
Muller and Kirk's Small Animal Dermatology. Fifth Edition [DW Angarano], 1412
An Outline of Swine Diseases. A Handbook [B Thacker], 403
Pocket Companion to the Fourth Edition of the Textbook of Veterinary Internal Medicine [JP Hoover], 74
Practical Veterinary Ultrasound [CP Godshalk], 2034
Radiology of Small Animal Fracture Management [CR Root], 1236
Self-Assessment Color Review of Reptiles and Amphibians [GJ Crawshaw], 2019
Severin's Veterinary Ophthalmology Notes. Third Edition [SA Koch], 900
Small Animal Clinical Diagnosis by Laboratory Methods. Second Edition [JK Klaassen], 389
Small Animal Spinal Disorders. Diagnosis and Surgery [KR Dyer], 1051
Thomson's Special Veterinary Pathology. Second Edition [MA Miller], 1699
Ultrasonic Imaging and Reproduction. Book One: Fundamentals; Book Two: Horses [GR Holyoak], 706
Veterinary Epidemiology. Second Edition [F Elvinger], 1267
Veterinary Pediatrics. Dogs and Cats from Birth to Six Months. Second Edition [DF Lawler], 1273
Veterinary Ultrasonography [PF Steyn], 1691

Books Received, 1047

Bovine Species

- Peritesticular seroma in a bull [KR Ruble et al], 33
Comparison of tilmicosin with long-acting oxytetracycline for treatment of respiratory tract disease in calves [J Musser], 102; Letters: 655
Comparison of passive immunoglobulin transfer to dairy calves fed colostrum or commercially available colostrum-supplement products [FB Garry et al], 107
Intramuscular administration of ceftiofur sodium versus intramammary infusion of penicillin/novobiocin for treatment of *Streptococcus agalactiae* mastitis in dairy cows [RJ Erskine et al], 258
Incomplete atrioventricular dissociation in an anesthetized calf [TL Grubb et al], 349
Effects of perinatal vaccination on humoral and cellular immune response in cows and young calves [JA Ellis et al], 393; Correction: 1062; Letters: 1625
Use of antimicrobial-impregnated polymethyl methacrylate beads for treatment of chronic, refractory septic arthritis and osteomyelitis of the digit in a bull [SS Trostle et al], 404
Veterinary involvement in management practices of beef cow-calf producers [MW Sanderson], 488
An unusual group-A rotavirus associated with an epidemic of diarrhea among three-month-old calves [KJ Clark et al], 552

- Environmental reservoirs for *Serratia marcescens* intramammary infections in dairy cows [MI Kamarudin et al], 555
- A rapid method for determination of blood glucose concentration in cattle [BL Roeder et al], 707
- Acute recumbency and marginal phosphorus deficiency in dairy cattle [BJ Gerloff et al], 716
- Maxillary sinusitis in a cow [M Miller et al], 829
- Catheterization of the auricular vein in cattle: 68 cases (1991-1994) [AJ Roussel Jr, et al], 905
- Sensitivity and specificity analysis for somatic cell count (SCC) used to predict bacteriologically positive subclinical mastitis at calving in a dairy herd with low SCC [JH Kirk et al], 1054
- Neospora* species infection in a herd of dairy cattle [C Bjorkman et al], 1441
- Prevalence of lesions associated with subclinical laminitis in first-lactation cows from herds with high milk production [RH Smilie et al], 1445
- Coronavirus isolation from nasal swab samples in cattle with signs of respiratory tract disease after shipping [J Storz et al], 1452
- Assessment of two devices for measuring tympanic membrane temperature in swine, dairy cattle, and dairy calves [MJ Myers et al], 1700
- Use of corticosteroids alone or combined with glucose to treat ketosis in dairy cows [NY Shpigel et al], 1702
- Use of composite milk samples for diagnosis of *Staphylococcus aureus* mastitis in dairy cattle [TJGM Lam et al], 1705
- Invasive malignant fibrous histiocytoma in a cow [EA Sartini et al], 1709
- Clinical application of interferons in large animal medicine [BR Moore], 1711
- Associations between subclinical paratuberculosis and milk production, milk components, and somatic cell counts in dairy herds [KV Nordlund et al], 1872
- Epidemiologic study of on-farm management practices associated with prevalence of *Mycobacterium paratuberculosis* infections in dairy cattle [WJ Goodger et al], 1877
- Efficacy of a temperature-sensitive modified-live bovine herpesvirus type-1 vaccine against abortion and stillbirth in pregnant heifers [RL Cravens et al], 2031
- Epidemiologic and pathologic characteristics of respiratory tract disease in dairy heifers during the first three months of life [A-MK Virtala et al], 2035
- Morbidity from nonrespiratory diseases and mortality in dairy heifers during the first three months of life [A-MK Virtala et al], 2043
- Prediction of calf mortality by use of tests for passive transfer of colostral immunoglobulin [DE Rea et al], 2047

Brain

- One-year follow-up evaluation of magnetic resonance imaging of the brain in dogs with pituitary-dependent hyperadrenocorticism [E Herst Bertoy et al], 1268

Brodifacoum

- Laryngeal obstruction secondary to brodifacoum toxicosis in a dog [J Peterson et al], 352

Bromide

- Bromide toxicosis secondary to renal insufficiency in an epileptic dog [ES Nichols et al], 231
- High dietary chloride content associated with loss of therapeutic serum bromide concentrations in an epileptic dog [N Shaw et al], 234

Bundle-Branch Block

- Rate-dependent bundle-branch block in a dog [E de Madron et al], 672

Bursa

- Sepsis of the ulnaris lateralis bursa and elbow joint in a horse [S Carson Dunkerley et al], 1238

Business Management

- Managing for the future [A Feyerherm et al], 678
- Avoiding sexual harassment liability in veterinary practices [CA Lacroix et al], 1664
- Updating the art of leadership [A Feyerherm et al], 1821

C

Canine Species

- Intervertebral disk protrusion at C5-6 in a dog [SA Sullivan et al], 35
- Modified distraction-stabilization technique using an interbody polymethyl methacrylate plug in dogs with caudal cervical spondylomyelopathy [BC Dixon et al], 61
- Hypoglycemia associated with intra-abdominal leiomyoma and leiomyosarcoma in six dogs [RS Bagley et al], 69
- Surgical management of a large colorectal diverticulum in a dog [GJ Spodnick et al], 72
- Supraventricular tachycardia in four young dogs [KN Wright et al], 75
- Use of modified toggle pin for coxofemoral luxation in dogs with multiple orthopedic injuries: 14 cases (1986-1994) [HP Beckham Jr, et al], 81
- Pretreatment clinical and laboratory findings in dogs with hypoadrenocorticism: 225 cases (1979-1993) [ME Peterson et al], 85
- Lateral condylar fracture of the tibial plateau in a dog [BC Dixon], 199
- Bromide toxicosis secondary to renal insufficiency in an epileptic dog [ES Nichols et al], 231
- High dietary chloride content associated with loss of therapeutic serum bromide concentrations in an epileptic dog [N Shaw et al], 234
- Acute lymphoblastic leukemia, hypercalcemia, and pseudohyperkalemia in a dog [CJ Henry et al], 237
- Probable recurrent femoral artery thrombosis in a dog with intestinal lymphosarcoma [SL Ihle et al], 240
- Hepatic abscesses in dogs: 14 cases (1982-1994) [ET Farrar et al], 243
- Esophageal mass in a dog [LA Schwarz et al], 347
- Laryngeal obstruction secondary to brodifacoum toxicosis in a dog [J Peterson et al], 352
- Evaluation of a hypertonic sodium chloride/dextran solution for treatment of traumatic shock in dogs [ER Schertel et al], 366
- Use of orally administered succimer (*meso*-2,3-dimercaptosuccinic acid) for treatment of lead poisoning in dogs [DT Ramsey et al], 371
- Effect of dietary protein content on behavior in dogs [NH Dodman et al], 376
- Surgical treatment of tracheal collapse in dogs: 90 cases (1983-1993) [JL Buback et al], 380
- Bone tumor in a dog [M Farber et al], 481
- Use of extracorporeal shock wave lithotripsy for treatment of nephrolithiasis and ureterolithiasis in five dogs [G Block et al], 531
- Hospital-acquired acute renal failure in dogs: 29 cases (1983-1992) [EN Behrend et al], 537
- Risk factors associated with parvovirus enteritis in dogs: 283 cases (1982-1991) [DM Houston et al], 542
- Neospora caninum*-induced myositis [RC Longshore], 667
- Rate-dependent bundle-branch block in a dog [E de Madron et al], 672
- Behavioral changes associated with suspected complex partial seizures in Bull Terriers [NH Dodman et al], 688
- Use of a modified surgical approach to the right atrium for retrieval of heartworms in a dog [CA Kuntz et al], 692
- Femoral head and neck excision in a dog that had previously undergone contralateral hind limb amputation [LG Carpenter et al], 695
- Use of antimicrobial-impregnated polymethyl methacrylate [KM Swalec Tobias et al], 841
- Factors associated with finishing status for dogs competing in a long-distance sled race [PD Constable et al], 879

Evaluation of cortical bone damage and axial holding power of nonthreaded and enhanced threaded pins placed with and without drilling of a pilot hole in femurs from canine cadavers [MA Anderson et al], 883

Intraoperative use of subtraction angiography and an ultrasonic aspirator to improve identification and isolation of an intrahepatic portosystemic shunt in a dog [KM Swalec Tobias et al], 888

Photocoagulation of limbal melanoma in dogs and cats: 15 cases (1989-1993) [TC Sullivan et al], 891

Complete atrioventricular block with failure of the ventricular rhythm in a dog [D Petrus et al], 1022

Coprophagia, house soiling, and separation anxiety in a dog [A Taylor et al], 1026

Case-control study of the association between intraoperative administration of nafcillin and acute postoperative development of azotemia [PJ Pascoe et al], 1043

Quantity and distribution of *Malassezia* organisms on the skin of clinically normal dogs [RA Kennis et al], 1048; Correction: 1871

Abdominal distention and cranial displacement of the small intestine caused by a large fat-density mass in a dog [SD Osborn et al], 1235

Vaccination of dogs and cats in veterinary teaching hospitals in North America [PD Mansfield], 1242

Use of the holmium yttrium aluminum garnet laser for percutaneous thoracolumbar intervertebral disk ablation in dogs [DT Dickey et al], 1263

One-year follow-up evaluation of magnetic resonance imaging of the brain in dogs with pituitary-dependent hyperadrenocorticism [E Herst Bertoy et al], 1268

Nephron sparing by partial median nephrectomy for treatment of renal hemangioma in a dog [JCP Mott et al], 1274

Clinical, hematologic, and biochemical features of a syndrome in Bernese Mountain Dogs characterized by hepatocerebellar degeneration [KP Carmichael et al], 1277

Hemivertebra, scoliosis, and syringomyelia in a dog [AE Chauvet et al], 1387

Evaluation of dogs and cats with tumors of the ear canal: 145 cases (1978-1992) [CA London et al], 1413

Clinical and clinicopathologic findings in dogs with acute respiratory distress syndrome: 19 cases (1985-1993) [C Parent et al], 1419

Respiratory function and treatment in dogs with acute respiratory distress syndrome: 19 cases (1985-1993) [C Parent et al], 1428

Vaginal stricture in a spayed dog [LF Archbald et al], 1651

Results of a national survey of rabies control procedures [WB Johnston et al], 1667

Pancytopenia associated with administration of captopril to a dog [M Holland et al], 1683

Evaluation of shelf arthroplasty as a treatment for hip dysplasia in dogs [MG Oakes et al], 1838

Magnetic resonance imaging of the brain for diagnosis of neurocysticercosis in a dog [JL Buback et al], 1846

Multiple extrahepatic portosystemic shunts in dogs: 30 cases (1981-1993) [HW Boothe et al], 1849

Factors associated with perioperative mortality in dogs with surgically managed gastric dilatation-volvulus: 137 cases (1988-1993) [JD Brouman et al], 1855

Postoperative complications of elective surgeries in dogs and cats determined by examining electronic and paper medical records [FL Pollari et al], 1882

Relationship between parental cardiac status in Cavalier King Charles Spaniels and prevalence and severity of chronic valvular disease in offspring [L Swenson et al], 2009

Effect of intravenous administration of fluid on packed cell volume, blood pressure, and total protein and blood glucose concentrations in healthy halothane-anesthetized dogs [JS Gaynor et al], 2013

Subcutaneous accumulation of chyle after thoracic duct ligation in a dog [R Farnsworth et al], 2016

Unilateral nephrectomy in dogs with renal disease: 30 cases (1985-1994) [JL Gookin et al], 2020

Caprine Species

Neosporosis-associated abortion in a dairy goat [JP Dubey et al], 263

Epidemiologic evaluation of encephalitic listeriosis in goats [GC Johnson et al], 1695

Captopril

Pancytopenia associated with administration of captopril to a dog [M Holland et al], 1683

Cardiovascular System

Evaluation of five common induction protocols by comparison of hemodynamic responses to surgical manipulation in halothane-anesthetized horses [AE Wagner et al], 252

Evaluation of a hypertonic sodium chloride/dextran solution for treatment of traumatic shock in dogs [ER Schertel et al], 366

Factors associated with finishing status for dogs competing in a long-distance sled race [PD Constable et al], 879

Castration

Comparison of two techniques for castration of llamas [AN Baird et al], 261

Postoperative complications of elective surgeries in dogs and cats determined by examining electronic and paper medical records [FL Pollari et al], 1882

Catheter, Intravenous

Catheterization of the auricular vein in cattle: 68 cases (1991-1994) [A Roussel Jr, et al], 905

Caval Syndrome

Use of a modified surgical approach to the right atrium for retrieval of heartworms in a dog [CA Kuntz et al], 692

Ceftiofur

Intramuscular administration of ceftiofur sodium versus intramammary infusion of penicillin/novobiocin for treatment of *Streptococcus agalactiae* mastitis in dairy cows [RJ Erskine et al], 258

Central Nervous System

Visna-like disease in a ram with chronic demyelinating encephalomyelitis [PD Constable et al], 117

Methylphenidate toxicosis in a cat [BW Gustafson], 1052

Chloride

High dietary chloride content associated with loss of therapeutic serum bromide concentrations in an epileptic dog [N Shaw et al], 234

Chronic Obstructive Pulmonary Disease

Chronic obstructive pulmonary disease in horses in Louisiana [TL Seahorn et al], 248

Chylothorax

Subcutaneous accumulation of chyle after thoracic duct ligation in a dog [R Farnsworth et al], 2016

Clinical Case Conference

Laryngeal obstruction secondary to brodifacoum toxicosis in a dog [J Peterson et al], 352

Cyanosis and intense murmur in a neonatal foal [LL Southwood et al], 835; Letter: 1381

Sepsis of the ulnaris lateralis bursa and elbow joint in a horse [S Carson Dunkerley et al], 1238

Clinical investigation of new animal drugs by veterinary practitioners [DA Prater et al], 190

Clinical Update

Use of antimicrobial-impregnated polymethyl methacrylate [KM Swalec Tobias et al], 841

Vaccination of dogs and cats in veterinary teaching hospitals in North America [PD Mansfield], 1242

Colic

Risk factors for history of previous colic and for chronic, intermittent colic in a population of horses [ND Cohen et al], 697

Medical treatment of horses with ileal impactions: 10 cases (1990-1994) [RR Hanson et al], 898

Colon

Surgical management of a large colorectal diverticulum in a dog [GJ Spodnick et al], 72

Large colon resection for treatment of lymphosarcoma in two horses [RM Dabareiner et al], 895

Colostrum

Comparison of passive immunoglobulin transfer to dairy calves fed colostrum or commercially available colostrum-supplement products [FB Garry et al], 107

Compendium

Compendium of Animal Rabies Control, 1996 [SR Jenkins], 214

Computers

The application of simulation to veterinary practice [D Steward et al], 850

Demonstrations of the use of simulation in veterinary practice management [D Steward et al], 856

Conidiobolus coronatus

Nasopharyngeal conidiobolomycosis in a horse [DT Zamos et al], 100

Continuing Education

What do food animal practitioners want to read? [JB Herrick], 196

Control Charts

Control charts and the value of statistical inference for food animal practitioners [JA Humble], 1232

Cornea

Penetrating keratoplasty for treatment of recurrent squamous cell carcinoma of the cornea in a horse [A van der Woerd et al], 1692

Coronaviruses

Coronavirus isolation from nasal swab samples in cattle with signs of respiratory tract disease after shipping [J Storz et al], 1452

Corticosteroids

Use of corticosteroids alone or combined with glucose to treat ketosis in dairy cows [NY Shpigel et al], 1702

Cost-Benefit Analysis

Benefit-cost analysis of vaccination of horses as a strategy to control equine monocytic ehrlichiosis [ER Atwill et al], 1295

Cover Art

1996 National Pet Week Poster, Jan 1, 1996, 13
One Cape Parrot, by Chris W. Coleman, DVM, 163
A North Country Cheviot Ram, by B.C. Norton, 307
Doe and White Ash, by Todd Clooney, DVM, MS, 451
The Banks of the Oise, by Henri Rousseau, 627
Cats in the Kitchen, by Carol Hambricht, 795
1996 AVMA 133rd Annual Meeting Poster, Apr 1, 1996, 993
Little Miss Imogene, by Donna F. (Maine) Smith, 1023
Man Subduing a Bull, by Isidore Jules Bonheur, 1355
Bird of Day at Night, by Jay F. Levine, DVM, MPH, 1587
Ghostly Gazers, by Tanya F. Dischler, 1763
Cats and Dogs (detail), by Donna Polivka, 1939

Cubital Joint

Sepsis of the ulnaris lateralis bursa and elbow joint in a horse [S Carson Dunkerley et al], 1238

Cyanosis

Cyanosis and intense murmur in a neonatal foal [LL Southwood et al], 835; Letter: 1381

Cyst, Parasitic

Magnetic resonance imaging of the brain for diagnosis of neurocysticercosis in a dog [JL Buback et al], 1846

Cyst, Subchondral

Surgical treatment of subchondral cyst-like lesions in the tibia of an adult pony [MA Ball et al], 704

D

Debts

The real job market [AS Clark], 860

Declaw

Postoperative complications of elective surgeries in dogs and cats determined by examining electronic and paper medical records [FL Pollari et al], 1882

Deer

Use of a type-III trilateral external skeletal fixation device in three deer with comminuted fractures [ML Mills et al], 559

Degeneration, Hepatocerebellar

Clinical, hematologic, and biochemical features of a syndrome in Bernese Mountain Dogs characterized by hepatocerebellar degeneration [KP Carmichael et al], 1277

Demographics

Changes in the number of veterinarians and number of people in the United States, 1990 to 1994 [BC Gehrke], 486

Descriptive Report

Modified distraction-stabilization technique using an interbody polymethyl methacrylate plug in dogs with caudal cervical spondylomyelopathy [BC Dixon et al], 61

Use of extracorporeal shock wave lithotripsy for treatment of nephrolithiasis and ureterolithiasis in five dogs [G Block et al], 531

Use of a type-III trilateral external skeletal fixation device in three deer with comminuted fractures [ML Mills et al], 559

Diagnostic Testing

Evaluation of an agar gel immunodiffusion test kit for detection of antibodies to *Mycobacterium paratuberculosis* in sheep [K Dubash et al], 401

Diarrhea

An unusual group-A rotavirus associated with an epidemic of diarrhea among three-month-old calves [KJ Clark et al], 552

Morbidity from nonrespiratory diseases and mortality in dairy heifers during the first three months of life [A-MK Virtala et al], 2043

Digits

Use of antimicrobial-impregnated polymethyl methacrylate beads for treatment of chronic, refractory septic arthritis and osteomyelitis of the digit in a bull [SS Trostle et al], 404

Dirofilaria immitis

Use of a modified surgical approach to the right atrium for retrieval of heartworms in a dog [CA Kuntz et al], 692

Disaster Medicine

- Chemical restraint and anesthesia of sea otters affected by the oil spill in Prince William Sound, Alaska [DC Sawyer et al], 1831

Disease Eradication

- The role of food animal practitioners in control and eradication of diseases [JB Herrick], 1966

Diverticulum

- Surgical management of a large colorectal diverticulum in a dog [GJ Spodnick et al], 72

Dolphins

- Mycotic dermatitis in an Atlantic white-sided dolphin, a pygmy sperm whale, and two harbor seals [S Frasca, Jr et al], 727

Domestication

- Animal selection and breeding techniques that create diseased populations and compromise welfare [RS Ott], 1969

Drugs

- Clinical investigation of new animal drugs by veterinary practitioners [DA Prater et al], 190

Drugs, Adverse Reactions

- The United States Pharmacopeia Veterinary Practitioners' Reporting Program [EK Meyer et al], 361
Pancytopenia associated with administration of captopril to a dog [M Holland et al], 1683

E

Ear Canal

- Evaluation of dogs and cats with tumors of the ear canal: 145 cases (1978-1992) [CA London et al], 1413

ECG of the Month

- Incomplete atrioventricular dissociation in an anesthetized calf [TL Grubb et al], 349
Rate-dependent bundle-branch block in a dog [E de Madron et al], 672
Complete atrioventricular block with failure of the ventricular rhythm in a dog [D Petrus et al], 1022
Respiratory sinus arrhythmia and wandering pacemaker in a cat [M Rishniw et al], 1811

Economics

- Benefit-cost analysis of national pseudorabies virus eradication program [GY Miller et al], 208
We need a less expensive way to produce effective veterinarians [E Gonder], 340; Letters: 1014, 1226
Veterinary involvement in management practices of beef cow-calf producers [MW Sanderson], 488
Financial evaluation of vaccination and testing alternatives for control of parvovirus-induced reproductive failure in swine [IA Gardner et al], 863

Education, Veterinary Medical

- We need a less expensive way to produce effective veterinarians [E Gonder], 340; Letters: 1014, 1226
Observations on veterinary education in Britain [JA Shaddock], 822
Functions of veterinary colleges and orientations of professional practice in the Americas [AL Rivas et al], 1630
Organizational models of veterinary colleges in the Americas [AL Rivas et al], 1636
Services provided by and veterinary education of small ruminant practitioners [CL Marshall et al], 1983

Educational Debt

- Trends in starting salaries and educational debt of graduates on US veterinary medical colleges, 1983 to 1995 [BC Gehrke], 206

Ehrlichia risticii

- Evaluation of vaccination of horses as a strategy to control equine monocytic ehrlichiosis [ER Atwill et al], 1290
Benefit-cost analysis of vaccination of horses as a strategy to control equine monocytic ehrlichiosis [ER Atwill et al], 1295

Elbow, see cubital joint

Emphysema

- Subcutaneous emphysema in a neonatal foal [SL Marble et al], 97

Employment

- The real job market [AS Clark], 860

Encephalitis Virus, Eastern Equine

- Evaluation of outbreaks of disease attributable to eastern equine encephalitis virus in horses [WA Ross et al], 1988

Encephalomyelitis

- Visna-like disease in a ram with chronic demyelinating encephalomyelitis [PD Constable et al], 117
Evaluation of outbreaks of disease attributable to eastern equine encephalitis virus in horses [WA Ross et al], 1988

Environment

- Environmental reservoirs for *Serratia marcescens* intramammary infections in dairy cows [MI Kamarudin et al], 555

Epidemiology

- Chronic obstructive pulmonary disease in horses in Louisiana [TL Seahorn et al], 248
Risk factors associated with parvovirus enteritis in dogs: 283 cases (1982-1991) [DM Houston et al], 542
Epizootiologic evaluation of urolithiasis in cats: 3,498 cases (1982-1992) [R Thumchai et al], 547
Risk factors for history of previous colic and for chronic, intermittent colic in a population of horses [ND Cohen et al], 697
Sensitivity and specificity analysis for somatic cell count (SCC) used to predict bacteriologically positive subclinical mastitis at calving in a dairy herd with low SCC [JH Kirk et al], 1054
Epidemiologic study of decubital ulcers in sows [PR Davies et al], 1058; Correction: 1881
Neospora species infection in a herd of dairy cattle [C Bjorkman et al], 1441
Epidemiologic evaluation of encephalitic listeriosis in goats [GC Johnson et al], 1695
Epidemiologic study of on-farm management practices associated with prevalence of *Mycobacterium paratuberculosis* infections in dairy cattle [WJ Goodger et al], 1877
Evaluation of outbreaks of disease attributable to eastern equine encephalitis virus in horses [WA Ross et al], 1988
Epidemiologic and pathologic characteristics of respiratory tract disease in dairy heifers during the first three months of life [A-MK Virtala et al], 2035
Morbidity from nonrespiratory diseases and mortality in dairy heifers during the first three months of life [A-MK Virtala et al], 2043
Prediction of calf mortality by use of tests for passive transfer of colostral immunoglobulin [DE Rea et al], 2047

Epilepsy

- Bromide toxicosis secondary to renal insufficiency in an epileptic dog [ES Nichols et al], 231
High dietary chloride content associated with loss of therapeutic serum bromide concentrations in an epileptic dog [N Shaw et al], 234

Equine Species

- Fatal musculoskeletal injuries incurred during racing and training in Thoroughbreds [L Estberg et al], 92
- Subcutaneous emphysema in a neonatal foal [SL Marble et al], 97
- Nasopharyngeal conidiobolomycosis in a horse [DT Zamos et al], 100
- Rattlesnake venom poisoning in horses: 32 cases (1973-1993) [CE Dickinson et al], 186
- Equine case: Uterine rupture in a mare [K Wolfsdorf], 201
- Chronic obstructive pulmonary disease in horses in Louisiana [TL Seahorn et al], 248
- Evaluation of five common induction protocols by comparison of hemodynamic responses to surgical manipulation in halothane-anesthetized horses [AE Wagner et al], 252
- Focal osteomyelitis in a horse [EE Perris et al], 665
- Risk factors for history of previous colic and for chronic, intermittent colic in a population of horses [ND Cohen et al], 697
- Surgical treatment of subchondral cyst-like lesions in the tibia of an adult pony [MA Ball et al], 704
- Postpartum complications in a mare [D Waldow], 831
- Cyanosis and intense murmur in a neonatal foal [LL Southwood et al], 835; Letter: 1381
- Large colon resection for treatment of lymphosarcoma in two horses [RM Dabareiner et al], 895
- Medical treatment of horses with ileal impactions: 10 cases (1990-1994) [RR Hanson et al], 898
- Sepsis of the ulnaris lateralis bursa and elbow joint in a horse [S Carson Dunkerley et al], 1238
- Evaluation of vaccination of horses as a strategy to control equine monocytic ehrlichiosis [ER Atwill et al], 1290
- Benefit-cost analysis of vaccination of horses as a strategy to control equine monocytic ehrlichiosis [ER Atwill et al], 1295
- Prognosis for return to racing after recovery from infectious pleuropneumonia in Thoroughbred racehorses: 70 cases (1984-1989) [KL Seltzer et al], 1300
- Slab fracture of the central tarsal bone in a horse [SA Sedrish et al], 1385
- Infection of the intertubercular bursa in horses: four cases (1978-1991) [NJ Vatisas et al], 1434
- Mummified fetus in a mare [JA Barber et al], 1438
- Supraspinous bursitis in a horse [DJ Cole et al], 1649
- Effect of aluminum hydroxide/magnesium hydroxide antacid and bismuth subsalicylate on gastric pH in horses [CK Clark et al], 1687
- Penetrating keratoplasty for treatment of recurrent squamous cell carcinoma of the cornea in a horse [A van der Woerd et al], 1692
- Duodenal obstruction in a foal [LE Dennis et al], 1809
- Hyperkalemic periodic paralysis episode during halothane anesthesia in a horse [JE Bailey et al], 1859
- Evaluation of outbreaks of disease attributable to eastern equine encephalitis virus in horses [WA Ross et al], 1988

Estrogens

- Hormonal indicators of pregnancy in llamas and alpacas [PW Bravo et al], 2027

Eulogy

- Encomium on James Herriot [FM Loew], 1230

Euthanasia

- Emotional responses of animal shelter workers to euthanasia [DJ White et al], 846

Examinations, 130, 273, 417, 590, 756, 941, 1157, 1313, 1545, 1724, 1903, 2154

Exploring the Bond

- Reflections on the human-animal bond [LK Bustad], 203
- A model program for assisting pet owners infected with human immunodeficiency virus [J Scheck et al], 483

Emotional responses of animal shelter workers to euthanasia [DJ White et al], 846

Factors affecting treatment decisions and satisfaction of owners of cats with cancer [MR Slater et al], 1248

Breaking the human-companion animal bond [KA Houpt et al], 1653

Care and treatment of service dogs and their owners [JL Sandler], 1979

Eye

Effects of mydriatic agents in cockatoos, African gray parrots, and Blue-fronted Amazon parrots [JC Ramer et al], 227

Photocoagulation of limbal melanoma in dogs and cats: 15 cases (1989-1993) [TC Sullivan et al], 891

F

Farm Management

Epidemiologic study of on-farm management practices associated with prevalence of *Mycobacterium paratuberculosis* infections in dairy cattle [WJ Goodger et al], 1877

FDA

Clinical investigation of new animal drugs by veterinary practitioners [DA Prater et al], 190

Federal Legislation

Farm programs and food animal practitioners [JB Herrick], 1641

Feline Species

Radiographic findings in cats with intranasal neoplasia or chronic rhinitis: 29 cases (1982-1988) [RT O'Brien et al], 385; Correction: 1299

The domestic cat: Perspective on the nature and diversity of cats [J Miller], 498

Feline behavior and welfare [G Landsberg], 502

Advances in feline health research: Impact on feline welfare of developments in vaccinology [JR Richards], 505

Population medicine and infectious diseases [JD Hoskins], 510

Cats and their people: A (nearly) perfect relationship [RL Zasloff], 512

Surgical neutering and nonsurgical alternatives [MS Bloomberg], 517

Feral cats in the United Kingdom [J Remfry], 520

Animal shelter issues [C Luke], 524

Epizootiologic evaluation of urolithiasis in cats: 3,498 cases (1982-1992) [R Thumchai et al], 547

Effect of treatment of hyperthyroidism on renal function in cats [SP DiBartola et al], 875

Photocoagulation of limbal melanoma in dogs and cats: 15 cases (1989-1993) [TC Sullivan et al], 891

Nutritional secondary hyperparathyroidism in a cat [JL Cook et al], 1019

Methylphenidate toxicosis in a cat [BW Gustafson], 1052

Vaccination of dogs and cats in veterinary teaching hospitals in North America [PD Mansfield], 1242

Factors affecting treatment decisions and satisfaction of owners of cats with cancer [MR Slater et al], 1248

Allogenic marrow transplantation in a cat with acute myeloid leukemia [PW Gasper et al], 1280

Prosthetic appliance for repair of oronasal fistula in a cat [MM Smith et al], 1410

Evaluation of dogs and cats with tumors of the ear canal: 145 cases (1978-1992) [CA London et al], 1413

Results of a national survey of rabies control procedures [WB Johnston et al], 1667

Use of a caudal auricular axial pattern flap in cats [GJ Spodnick et al], 1679

Respiratory sinus arrhythmia and wandering pacemaker in a cat [M Rishniw et al], 1811

Self-mutilation in a cat [S Schwartz], 1813

- Postoperative complications of elective surgeries in dogs and cats determined by examining electronic and paper medical records [FL Pollari et al], 1882
- Peritoneopericardial herniation of the liver with secondary chyloous effusion in a cat [JL Cook et al], 1975
- Femoral Artery**
Probable recurrent femoral artery thrombosis in a dog with intestinal lymphosarcoma [SL Ihle et al], 240
- Femur**
Femoral head and neck excision in a dog that had previously undergone contralateral hind limb amputation [LG Carpenter et al], 695
- Ferrets**
Clinical and pathologic findings in ferrets with lymphoma: 60 cases (1982-1994) [SE Erdman et al], 1285
- Fetus, Mummified**
Mummified fetus in a mare [JA Barber et al], 1438
- Fistula, Oronasal**
Prosthetic appliance for repair of oronasal fistula in a cat [MM Smith et al], 1410
- Fluid Therapy**
Evaluation of a hypertonic sodium chloride/dextran solution for treatment of traumatic shock in dogs [ER Schertel et al], 366
Effect of intravenous administration of fluid on packed cell volume, blood pressure, and total protein and blood glucose concentrations in healthy halothane-anesthetized dogs [JS Gaynor et al], 2013
- Fomites**
Stability of porcine reproductive and respiratory syndrome virus in the presence of fomites commonly found on farms [EC Pirtle et al], 390
- Food Animal Economics**
Benefit-cost analysis of national pseudorabies virus eradication program [GY Miller et al], 208
Financial evaluation of vaccination and testing alternatives for control of parvovirus-induced reproductive failure in swine [IA Gardner et al], 863
- Food for Thought for Food Animal Practitioners**
What do food animal practitioners want to read? [JB Herrick], 196
Food animal practitioners and the numbers game [JB Herrick], 478
Xenotransplantation for food animal practitioners [JB Herrick], 826; Letter: 1788
Control charts and the value of statistical inference for food animal practitioners [JA Humble], 1232
Farm programs and food animal practitioners [JB Herrick], 1641
The role of food animal practitioners in control and eradication of diseases [JB Herrick], 1966
- Food Safety**
Food Safety Symposium: responding to the changing epidemiologic characteristics of foodborne disease, 1396
The best way to prevent foodborne disease and enhance the reputation of the veterinary profession [SR Nusbaum], 1964
- Foreign Animal Disease**
Impact and risk of foreign animal diseases [CC Brown et al], 1038
- Forum**
The immorality of nonhuman animal research [BM Feldmann], 1798
- Animal selection and breeding techniques that create diseased populations and compromise welfare [RS Ott], 1969
- Fracture**
Use of a type-III trilateral external skeletal fixation device in three deer with comminuted fractures [ML Mills et al], 559
Evaluation of cortical bone damage and axial holding power of nonthreaded and enhanced threaded pins placed with and without drilling of a pilot hole in femurs from canine cadavers [MA Anderson et al], 883
- Fungi**
Nasopharyngeal conidiobolomycosis in a horse [DT Zamos et al], 100
- Fusarium sp**
Mycotic dermatitis in an Atlantic white-sided dolphin, a pygmy sperm whale, and two harbor seals [S Frasca, Jr et al], 727
- ## G
- Gastric Dilatation-Volvulus**
Factors associated with perioperative mortality in dogs with surgically managed gastric dilatation-volvulus: 137 cases (1988-1993) [JD Brouman et al], 1855
- Gastric pH**
Effect of aluminum hydroxide/magnesium hydroxide antacid and bismuth subsalicylate on gastric pH in horses [CK Clark et al], 1687
- Gastrointestinal Tract**
Risk factors associated with parvovirus enteritis in dogs: 283 cases (1982-1991) [DM Houston et al], 542
Large colon resection for treatment of lymphosarcoma in two horses [RM Dabareiner et al], 895
Forestomach acidosis in six New World Camelids [CK Cebra et al], 901
- Gender**
Gender redistribution in the veterinary medical profession [BC Gehrke], 1254
- Glucose**
A rapid method for determination of blood glucose concentration in cattle [BL Roeder et al], 707
Use of corticosteroids alone or combined with glucose to treat ketosis in dairy cows [NY Shpigel et al], 1702
Effect of intravenous administration of fluid on packed cell volume, blood pressure, and total protein and blood glucose concentrations in healthy halothane-anesthetized dogs [JS Gaynor et al], 2013
- Growth**
Growth and microbial flora of nonmedicated segregated, early weaned pigs from a commercial swine operation [SS Dritz et al], 711
- Guanacos**
Immobilization of guanacos by use of tiletamine/zolazepam [RJ Sarno et al], 408
- ## H
- Halothane**
Evaluation of five common induction protocols by comparison of hemodynamic responses to surgical manipulation in halothane-anesthetized horses [AE Wagner et al], 252

Heart

- Supraventricular tachycardia in four young dogs [KN Wright et al], 75
- Relationship between parental cardiac status in Cavalier King Charles Spaniels and prevalence and severity of chronic valvular disease in offspring [L Swenson et al], 2009

Hemangioma

- Nephron sparing by partial median nephrectomy for treatment of renal hemangioma in a dog [JCP Mott et al], 1274

Hematology

- Pretreatment clinical and laboratory findings in dogs with hypoadrenocorticism: 225 cases (1979-1993) [ME Peterson et al], 85

Hepatic Disease

- Hepatic abscesses in dogs: 14 cases (1982-1994) [ET Farrar et al], 243

Herd Health

- Growth and microbial flora of nonmedicated segregated, early weaned pigs from a commercial swine operation [SS Dritz et al], 711

Heredity

- Relationship between parental cardiac status in Cavalier King Charles Spaniels and prevalence and severity of chronic valvular disease in offspring [L Swenson et al], 2009

Hernia, Umbilical

- Morbidity from nonrespiratory diseases and mortality in dairy heifers during the first three months of life [A-MK Virtala et al], 2043

Herpesviruses

- Efficacy of a temperature-sensitive modified-live bovine herpesvirus type-1 vaccine against abortion and stillbirth in pregnant heifers [RL Cravens et al], 2031

Hip Dysplasia

- Evaluation of shelf arthroplasty as a treatment for hip dysplasia in dogs [MG Oakes et al], 1838

Histiocytoma

- Invasive malignant fibrous histiocytoma in a cow [EA Sartin et al], 1709

Historical Models

- Functions of veterinary colleges and orientations of professional practice in the Americas [AL Rivas et al], 1630

Hoof

- Prevalence of lesions associated with subclinical laminitis in first-lactation cows from herds with high milk production [RH Smilie et al], 1445

Human-Animal Bond

- Reflections on the human-animal bond [LK Bustad], 203
- A model program for assisting pet owners infected with human immunodeficiency virus [J Scheck et al], 483
- Cats and their people: A (nearly) perfect relationship [RL Zasloff], 512
- Emotional responses of animal shelter workers to euthanasia [DJ White et al], 846
- Factors affecting treatment decisions and satisfaction of owners of cats with cancer [MR Slater et al], 1248
- Breaking the human-companion animal bond [KA Houpt et al], 1653

Human Immunodeficiency Virus

- A model program for assisting pet owners infected with human immunodeficiency virus [J Scheck et al], 483

Human Side of Veterinary Medicine

- Practicing part time—a growing trend? [EV Swihart], 1644

Hyperadrenocorticism

- One-year follow-up evaluation of magnetic resonance imaging of the brain in dogs with pituitary-dependent hyperadrenocorticism [E Herst Bertoy et al], 1268

Hypercalcemia

- Acute lymphoblastic leukemia, hypercalcemia, and pseudohyperkalemia in a dog [CJ Henry et al], 237

Hyperkalemia

- Hyperkalemic periodic paralysis episode during halothane anesthesia in a horse [JE Bailey et al], 1859

Hyperthyroidism

- Effect of treatment of hyperthyroidism on renal function in cats [SP DiBartola et al], 875

Hypoadrenocorticism

- Pretreatment clinical and laboratory findings in dogs with hypoadrenocorticism: 225 cases (1979-1993) [ME Peterson et al], 85

Hypoglycemia

- Hypoglycemia associated with intra-abdominal leiomyoma and leiomyosarcoma in six dogs [RS Bagley et al], 69

I

Immunity, Cellular

- Effects of perinatal vaccination on humoral and cellular immune response in cows and young calves [JA Ellis et al], 393; Correction: 1062; Letters: 1625

Immunity, Humoral

- Effects of perinatal vaccination on humoral and cellular immune response in cows and young calves [JA Ellis et al], 393; Correction: 1062; Letters: 1626

Immunoglobulins

- Prediction of calf mortality by use of tests for passive transfer of colostral immunoglobulin [DE Rea et al], 2047

Immunoglobulins, Passive Transfer

- Comparison of passive immunoglobulin transfer to dairy calves fed colostrum or commercially available colostral-supplement products [FB Garry et al], 107

Impaction, Ileum

- Medical treatment of horses with ileal impactions: 10 cases (1990-1994) [RR Hanson et al], 898

Infectious Bursitis

- Infection of the intertubercular bursa in horses: four cases (1978-1991) [NJ Vatisas et al], 1434

Information Exchange

- Trends in starting salaries and educational debt of graduates on US veterinary medical colleges, 1983 to 1995 [BC Gehrke], 206
- Changes in the number of veterinarians and number of people in the United States, 1990 to 1994 [BC Gehrke], 486
- Gender redistribution in the veterinary medical profession [BC Gehrke], 1254
- Factors affecting starting salaries of veterinary medical graduates, 1993-1995 [BC Gehrke], 1660
- Services provided by and veterinary education of small ruminant practitioners [CL Marshall et al], 1983

- Instructions to Authors, 168, 314, 456, 626, 800, 1025, 1206, 1354, 1592, 1770, 1942

Interferons

Clinical application of interferons in large animal medicine [BR Moore], 1711

Intertubercular Bursa

Infection of the intertubercular bursa in horses: four cases (1978-1991) [NJ Vatisstas et al], 1434

Intervertebral Disk

Intervertebral disk protrusion at C5-6 in a dog [SA Sullivan et al], 35

Use of the holmium yttrium aluminum garnet laser for percutaneous thoracolumbar intervertebral disk ablation in dogs [DT Dickey et al], 1263

Isoflurane

Anesthetic and postanesthetic management of sea turtles [PF Moon et al], 720

J

JAVMA Reviewers, 908

K

Keratoplasty

Penetrating keratoplasty for treatment of recurrent squamous cell carcinoma of the cornea in a horse [A van der Woerd et al], 1692

Ketoconazole

Mycotic dermatitis in an Atlantic white-sided dolphin, a pygmy sperm whale, and two harbor seals [S Frasca, Jr et al], 727

Ketosis

Use of corticosteroids alone or combined with glucose to treat ketosis in dairy cows [NY Shpigel et al], 1702

Kidney

Nephron sparing by partial median nephrectomy for treatment of renal hemangioma in a dog [JCP Mott et al], 1274

L

Laminitis

Prevalence of lesions associated with subclinical laminitis in first-lactation cows from herds with high milk production [RH Smilie et al], 1445

Laparoscopy

Laparoscopic surgical approach and anatomy of the abdomen in llamas [DE Anderson et al], 111

Laser

Photocoagulation of limbal melanoma in dogs and cats: 15 cases (1989-1993) [TC Sullivan et al], 891

Use of the holmium yttrium aluminum garnet laser for percutaneous thoracolumbar intervertebral disk ablation in dogs [DT Dickey et al], 1263

Lead

Use of orally administered succimer (*meso*-2,3-dimercaptosuccinic acid) for treatment of lead poisoning in dogs [DT Ramsey et al], 371

Leading Edge of Medicine—A Review

Clinical application of interferons in large animal medicine [BR Moore], 1711

Legal Brief

Disaster medicine—the veterinarian's role [HW Hannah], 38
Due process and the rights of a veterinarian in an administrative hearing [HW Hannah], 359

Some confidentiality issues [HW Hannah], 682

Establishing the standard of care [HW Hannah], 1034

Some employment issues affecting veterinarians—hiring at will [HW Hannah], 1394

Restrictive covenants: recent cases, court modifications, and statutory provisions [HW Hannah], 1825

Leiomyoma

Hypoglycemia associated with intra-abdominal leiomyoma and leiomyosarcoma in six dogs [RS Bagley et al], 69

Leiomyosarcoma

Hypoglycemia associated with intra-abdominal leiomyoma and leiomyosarcoma in six dogs [RS Bagley et al], 69

Lentiviruses

Visna-like disease in a ram with chronic demyelinating encephalomyelitis [PD Constable et al], 117

Letters to the Editor

More thoughts on animal rights and animal liberation, 22

In favor of cropping ears, docking tails, 24

Human-animal bond important to our profession, 24

Alternative method for retrieving fishhooks from dogs and cats, 184

Article on animal rights/animal liberation still provoking thought, 184

Consider leishmaniasis in differential for monoclonal gammopathies in dogs, 184

Dosage consideration for cisapride, 184

Warning about potential for congenital neural larva migrans, 185

Comments on loop colostomy in horses, 336

Lessons learned from conducting humanitarian assistance missions, 337

The value of veterinary groups, 337

Comments on letter about value of dental/eye insurance, 338

Knowledge of fish anatomy important, 338; Letter: 1016, 1625

Questions about pathogen reduction, 339

System for reporting adverse reactions, 339

Suggestions for AVMA survey of US veterinary graduates, 471

What to do with used journals, textbooks, 473

The value of tilimicosin in production medicine, 655

Opinions on effects of reforming veterinary education, 1014

Tax laws on charitable contributions, 1014

More on fish anatomy, 1016; Letter: 1625

More opinions on effects of reforming veterinary education, 1226; Letters: 1958, 1960

Need training for application of insecticides, 1227

Recommendation for disclosure of financial interests, 1227; Letters: 1961

Opposing view on elimination of brucellosis reservoir, 1380
Opposition to trap-sterilize-release programs for feral cats, 1380

Clarification on foal with cyanoses and intense murmur, 1381

Concern about vaccine study, 1625

More thoughts on veterinarians' role in aquatic animal health, 1625

Dying too young, 1788

Reminder on effects of DDT, 1788

Another opinion on xenotransplantation, 1788; Letter: 1788

More on cost of veterinary education and perceived deficiencies of new graduates, 1958

Opinion on possible ban on ruminant by-products in ruminant feeds, 1958

Hiring new graduates—from a new grad's perspective, 1960

Urges reconsideration of AVMA's withdrawal from CAST, 1960

Comments on disclosure of financial interest, 1961

Domestic concern about feral cats, 1961

Leukemia

Allogenic marrow transplantation in a cat with acute myeloid leukemia [PW Gasper et al], 1280

Leukemia, Lymphoblastic

Acute lymphoblastic leukemia, hypercalcemia, and pseudo-hyperkalemia in a dog [CJ Henry et al], 237

Listeriosis

Epidemiologic evaluation of encephalitic listeriosis in goats [GC Johnson et al], 1695

Lithotripsy

Use of extracorporeal shock wave lithotripsy for treatment of nephrolithiasis and ureterolithiasis in five dogs [G Block et al], 531

Liver

Intraoperative use of subtraction angiography and an ultrasonic aspirator to improve identification and isolation of an intrahepatic portosystemic shunt in a dog [KM Swalec Tobias et al], 888

Multiple extrahepatic portosystemic shunts in dogs: 30 cases (1981-1993) [HW Boothe et al], 1849

Llamas

Laparoscopic surgical approach and anatomy of the abdomen in llamas [DE Anderson et al], 111

Comparison of two techniques for castration of llamas [AN Baird et al], 261

Forestomach acidosis in six New World Camelids [CK Cebra et al], 901

Hormonal indicators of pregnancy in llamas and alpacas [PW Bravo et al], 2027

Lung

Clinical and clinicopathologic findings in dogs with acute respiratory distress syndrome: 19 cases (1985-1993) [C Parent et al], 1419

Respiratory function and treatment in dogs with acute respiratory distress syndrome: 19 cases (1985-1993) [C Parent et al], 1428

Luxation, Coxofemoral

Use of modified toggle pin for coxofemoral luxation in dogs with multiple orthopedic injuries: 14 cases (1986-1994) [HP Beckham, Jr et al], 81

Lymphoma

Clinical and pathologic findings in ferrets with lymphoma: 60 cases (1982-1994) [SE Erdman et al], 1285

Lymphosarcoma

Probable recurrent femoral artery thrombosis in a dog with intestinal lymphosarcoma [SL Ihle et al], 240

Large colon resection for treatment of lymphosarcoma in two horses [RM Dabareiner et al], 895

M

Magnetic Resonance Imaging

One-year follow-up evaluation of magnetic resonance imaging of the brain in dogs with pituitary-dependent hyperadrenocorticism [E Herst Bertoy et al], 1268

Magnetic resonance imaging of the brain for diagnosis of neurocysticercosis in a dog [JL Buback et al], 1846

Malassezia spp

Quantity and distribution of *Malassezia* organisms on the skin of clinically normal dogs [RA Kennis et al], 1048; Correction: 1871

Malignant Hyperthermia

Hyperkalemic periodic paralysis episode during halothane anesthesia in a horse [JE Bailey et al], 1859

Management

The application of simulation to veterinary practice [D Steward et al], 850

Demonstrations of the use of simulation in veterinary practice management [D Steward et al], 856

The dynamics of change [C Palazzolo et al], 1030

Control charts and the value of statistical inference for food animal practitioners [JA Humble], 1232

Total quality management in veterinary medicine—a blinding flash of the obvious [KE Kinnamon et al], 1794

Epidemiologic study of on-farm management practices associated with prevalence of *Mycobacterium paratuberculosis* infections in dairy cattle [WJ Goodger et al], 1877

Mastitis

Intramuscular administration of ceftiofur sodium versus intramammary infusion of penicillin/novobiocin for treatment of *Streptococcus agalactiae* mastitis in dairy cows [RJ Erskine et al], 258

Environmental reservoirs for *Serratia marcescens* intramammary infections in dairy cows [MI Kamarudin et al], 555

Sensitivity and specificity analysis for somatic cell count (SCC) used to predict bacteriologically positive subclinical mastitis at calving in a dairy herd with low SCC [JH Kirk et al], 1054

Use of composite milk samples for diagnosis of *Staphylococcus aureus* mastitis in dairy cattle [TJGM Lam et al], 1705

Medical Records

Postoperative complications of elective surgeries in dogs and cats determined by examining electronic and paper medical records [FL Pollari et al], 1882

Meetings and CE Offerings, 122, 267, 410, 584, 752, 935, 1150, 1308, 1540, 1717, 1892, 2147

Melanoma

Photocoagulation of limbal melanoma in dogs and cats: 15 cases (1989-1993) [TC Sullivan et al], 891

Methylphenidate

Methylphenidate toxicosis in a cat [BW Gustafson], 1052

Microbial Flora

Growth and microbial flora of nonmedicated segregated, early weaned pigs from a commercial swine operation [SS Dritz et al], 711

Milk

Sensitivity and specificity analysis for somatic cell count (SCC) used to predict bacteriologically positive subclinical mastitis at calving in a dairy herd with low SCC [JH Kirk et al], 1054

Use of composite milk samples for diagnosis of *Staphylococcus aureus* mastitis in dairy cattle [TJGM Lam et al], 1705

Milk Production

Associations between subclinical paratuberculosis and milk production, milk components, and somatic cell counts in dairy herds [KV Nordlund et al], 1872

Musculoskeletal Injuries

Fatal musculoskeletal injuries incurred during racing and training in Thoroughbreds [L Estberg et al], 92

Mycobacterium paratuberculosis

Evaluation of an agar gel immunodiffusion test kit for detection of antibodies to *Mycobacterium paratuberculosis* in sheep [K Dubash et al], 401

Associations between subclinical paratuberculosis and milk production, milk components, and somatic cell counts in dairy herds [KV Nordlund et al], 1872

Epidemiologic study of on-farm management practices associated with prevalence of *Mycobacterium paratuberculosis* infections in dairy cattle [WJ Goodger et al], 1877

Mydriatics

Effects of mydriatic agents in cockatoos, African gray parrots, and Blue-fronted Amazon parrots [JC Ramer et al], 227

N

Nafcillin

Case-control study of the association between intraoperative administration of nafcillin and acute postoperative development of azotemia [PJ Pascoe et al], 1043

Nasal Cavity

Radiographic findings in cats with intranasal neoplasia or chronic rhinitis: 29 cases (1982-1988) [RT O'Brien et al], 385; Correction: 1299

Nasopharynx

Nasopharyngeal conidiobolomycosis in a horse [DT Zamos et al], 100

National Pet Week Information & Planning Guide, 41

Neonatal Maladjustment Syndrome

Cyanosis and intense murmur in a neonatal foal [LL Southwood et al], 835; Letter: 1381

Neonatology

Subcutaneous emphysema in a neonatal foal [SL Marble et al], 97

Neoplasia

Radiographic findings in cats with intranasal neoplasia or chronic rhinitis: 29 cases (1982-1988) [RT O'Brien et al], 385; Correction: 1299

Factors affecting treatment decisions and satisfaction of owners of cats with cancer [MR Slater et al], 1248

Evaluation of dogs and cats with tumors of the ear canal: 145 cases (1978-1992) [CA London et al], 1413

Neospora sp

Neosporosis-associated abortion in a dairy goat [JP Dubey et al], 263

Neospora species infection in a herd of dairy cattle [CBjorkman et al], 1441

Nephrectomy

Nephron sparing by partial median nephrectomy for treatment of renal hemangioma in a dog [JCP Mott et al], 1274

Nephrectomy, Unilateral

Unilateral nephrectomy in dogs with renal disease: 30 cases (1985-1994) [JL Gookin et al], 2020

Nephroliths

Use of extracorporeal shock wave lithotripsy for treatment of nephrolithiasis and ureterolithiasis in five dogs [G Block et al], 531

Neurocysticercosis

Magnetic resonance imaging of the brain for diagnosis of neurocysticercosis in a dog [JL Buback et al], 1846

Neutering, Early-Age

Surgical neutering and nonsurgical alternatives [MS Bloomberg], 517

New Veterinary Biological Products, 694, 1455

NOAH Notebook

Internet, 220, 492

World Wide Web, 220, 492

NOAH Services, 870

Electronic Mail, 1256

Forum Messages, 1674

Downloading Files, 1998

Online Libraries, 1998

Uploading Files, 1998

Novobiocin

Intramuscular administration of ceftiofur sodium versus intramammary infusion of penicillin/novobiocin for treatment of *Streptococcus agalactiae* mastitis in dairy cows [R] Erskine et al], 258

Nutrition

High dietary chloride content associated with loss of therapeutic serum bromide concentrations in an epileptic dog [N Shaw et al], 234

Effect of dietary protein content on behavior in dogs [NH Dodman et al], 376

A survey of veterinarians' knowledge and attitudes about nutrition [CA Buffington], 674

Acute recumbency and marginal phosphorus deficiency in dairy cattle [BJ Gerloff et al], 716

Elemental sulfur toxicosis in a flock of sheep [MS Bulgin et al], 1063

Veterinary nutritional management of amphibians and reptiles [S Donoghue], 1816

O

Oncology

Acute lymphoblastic leukemia, hypercalcemia and pseudo-hyperkalemia in a dog [CJ Henry], 237

Probable recurrent femoral artery thrombosis in a dog with intestinal lymphosarcoma [SL Ihle et al], 240

Opportunity Cost

Trends in starting salaries and educational debt of graduates on US veterinary medical colleges, 1983 to 1995 [BC Gehrke], 206

Oral Surgery

Prosthetic appliance for repair of oronasal fistula in a cat [MM Smith et al], 1410

Organizational Structure

Organizational models of veterinary colleges in the Americas [AL Rivas et al], 1636

Organ Transplants

Xenotransplantation for food animal practitioners [JB Herrick], 826; Letter: 1788

Orthopedics

Use of modified toggle pin for coxofemoral luxation in dogs with multiple orthopedic injuries: 14 cases (1986-1994) [HP Beckham, Jr et al], 81

Use of antimicrobial-impregnated polymethyl methacrylate beads for treatment of chronic, refractory septic arthritis and osteomyelitis of the digit in a bull [SS Trostle et al], 404

Femoral head and neck excision in a dog that had previously undergone contralateral hind limb amputation [LG Carpenter et al], 695

Surgical treatment of subchondral cyst-like lesions in the tibia of an adult pony [MA Ball et al], 704

Use of antimicrobial-impregnated polymethyl methacrylate [KM Swalec Tobias et al], 841

Osteomyelitis

Use of antimicrobial-impregnated polymethyl methacrylate beads for treatment of chronic, refractory septic arthritis and osteomyelitis of the digit in a bull [SS Trostle et al], 404

Ostriches

Intestinal obstruction in an ostrich [WP Stubbs et al], 1977

Ovariohysterectomy

Postoperative complications of elective surgeries in dogs and cats determined by examining electronic and paper medical records [FL Pollari et al], 1882

Ovine Species

Visna-like disease in a ram with chronic demyelinating encephalomyelitis [PD Constable et al], 117

Evaluation of an agar gel immunodiffusion test kit for detection of antibodies to *Mycobacterium paratuberculosis* in sheep [K Dubash et al], 401

Elemental sulfur toxicosis in a flock of sheep [MS Bulgin et al], 1063

Oxytetracycline

Comparison of tilmicosin with long-acting oxytetracycline for treatment of respiratory tract disease in calves [J Musser et al], 102; Letters: 655

P

Packed Cell Volume

Effect of intravenous administration of fluid on packed cell volume, blood pressure, and total protein and blood glucose concentrations in healthy halothane-anesthetized dogs [JS Gaynor et al], 2013

Pancytopenia

Pancytopenia associated with administration of captopril to a dog [M Holland et al], 1683

Paradigms

Functions of veterinary colleges and orientations of professional practice in the Americas [AL Rivas et al], 1630

Organizational models of veterinary colleges in the Americas [AL Rivas et al], 1636

Paralysis

Hyperkalemic periodic paralysis episode during halothane anesthesia in a horse [JE Bailey et al], 1859

Parturition

Equine case: Uterine rupture in a mare [K Wolfsdorf], 201

Parvoviruses

Risk factors associated with parvovirus enteritis in dogs: 283 cases (1982-1991) [DM Houston et al], 542

Financial evaluation of vaccination and testing alternatives for control of parvovirus-induced reproductive failure in swine [IA Gardner et al], 863

Passive Immunity

Prediction of calf mortality by use of tests for passive transfer of colostral immunoglobulin [DE Rea et al], 2047

Patent Ductus Arteriosus

Cyanosis and intense murmur in a neonatal foal [LL Southwood et al], 835; Letter: 1381

Penicillin

Intramuscular administration of ceftiofur sodium versus intramammary infusion of penicillin/novobiocin for treatment of *Streptococcus agalactiae* mastitis in dairy cows [RJ Erskine et al], 258

Perspectives in Professional Education

Observations on veterinary education in Britain [JA Shaddock], 822

Functions of veterinary colleges and orientations of professional practice in the Americas [AL Rivas et al], 1630

Organizational models of veterinary colleges in the Americas [AL Rivas et al], 1636

Phosphorus

Acute recumbency and marginal phosphorus deficiency in dairy cattle [BJ Gerloff et al], 716

Photocoagulation of limbal melanoma in dogs and cats: 15 cases (1989-1993) [TC Sullivan et al], 891

Pins, Intramedullary

Evaluation of cortical bone damage and axial holding power of nonthreaded and enhanced threaded pins placed with and without drilling of a pilot hole in femurs from canine cadavers [MA Anderson et al], 883

Placenta

Equine case: Uterine rupture in a mare [K Wolfsdorf], 201

Pleuropneumonia

Prognosis for return to racing after recovery from infectious pleuropneumonia in Thoroughbred racehorses: 70 cases (1984-1989) [KL Seltzer et al], 1300

Pneumonia

Epidemiologic and pathologic characteristics of respiratory tract disease in dairy heifers during the first three months of life [A-MK Virtala et al], 2035

Polymethyl Methacrylate

Modified distraction-stabilization technique using an interbody polymethyl methacrylate plug in dogs with caudal cervical spondylomyelopathy [BC Dixon et al], 61

Use of antimicrobial-impregnated polymethyl methacrylate beads for treatment of chronic, refractory septic arthritis and osteomyelitis of the digit in a bull [SS Trostle et al], 404

Use of antimicrobial-impregnated polymethyl methacrylate [KM Swalec Tobias et al], 841

Population Studies

Changes in the number of veterinarians and number of people in the United States, 1990 to 1994 [BC Gehrke], 486

Porcine Reproductive and Respiratory Syndrome Virus

Stability of porcine reproductive and respiratory syndrome virus in the presence of fomites commonly found on farms [EC Pirtle et al], 390

Porcine Species

Benefit-cost analysis of national pseudorabies virus eradication program [GY Miller et al], 208

Stability of porcine reproductive and respiratory syndrome virus in the presence of fomites commonly found on farms [EC Pirtle et al], 390

Growth and microbial flora of nonmedicated segregated, early weaned pigs from a commercial swine operation [SS Dritz et al], 711

Financial evaluation of vaccination and testing alternatives for control of parvovirus-induced reproductive failure in swine [IA Gardner et al], 863

Epidemiologic study of decubital ulcers in sows [PR Davies et al], 1058; Correction: 1881

Assessment of two devices for measuring tympanic membrane temperature in swine, dairy cattle, and dairy calves [MJ Myers et al], 1700

Postoperative Complications

Postoperative complications of elective surgeries in dogs and cats determined by examining electronic and paper medical records [FL Pollari et al], 1882

Postpartum Period

Postpartum complications in a mare [D Waldow], 831

Practice, Part-Time

Practicing part time—a growing trend? [EV Swihart], 1644

Practice Management

Developing direction for your practice [C Palazzolo et al], 356

The human side of computer technology [C Palazzolo], 1390

Practitioners' Exchange

Improving the ecosystem, (Vol 207): 1020; Response: (Vol 208): 28

Advantages and disadvantages of online access, (Vol 207): 1162; Response: (Vol 208): 188

Spousal practice, (Vol 207): 1406; Response: (Vol 208): 474

Behavioral problems, (Vol 207): 1547; Response: (Vol 208): 658

Vaccination schedules, (Vol 208): 28; Response: (Vol 208): 820

New graduate expectations, (Vol 208): 188; Response: (Vol 208): 1018

Feline vaccination fibrosarcomas, (Vol 208): 658; Response: (Vol 208): 1382

Alternative modalities of treatment, (Vol 208): 1018; Response: (Vol 208): 1790

Hospitalized animals, (Vol 208): 1382; Response: See Vol 209

New graduates and experience, (Vol 208): 1790; Response: See Vol 209

Pregnancy

Hormonal indicators of pregnancy in llamas and alpacas [PW Bravo et al], 2027

Procedures for Reporting Professional Misconduct, 40

Production Management

Veterinary involvement in management practices of beef cow-calf producers [MW Sanderson], 488

Growth and microbial flora of nonmedicated segregated, early weaned pigs from a commercial swine operation [SS Dritz et al], 711

Progestagens

Mummified fetus in a mare [JA Barber et al], 1438

Progesterone

Hormonal indicators of pregnancy in llamas and alpacas [PW Bravo et al], 2027

Protein

Effect of dietary protein content on behavior in dogs [NH Dodman et al], 376

Protein Concentration

Effect of intravenous administration of fluid on packed cell volume, blood pressure, and total protein and blood glucose concentrations in healthy halothane-anesthetized dogs [JS Gaynor et al], 2013

Pseudohyperkalemia

Acute lymphoblastic leukemia, hypercalcemia, and pseudohyperkalemia in a dog [CJ Henry et al], 237

Pseudorabies Virus

Benefit-cost analysis of national pseudorabies virus eradication program [GY Miller et al], 208

Psittacine Birds

Effects of mydriatic agents in cockatoos, African gray parrots, and Blue-fronted Amazon parrots [JC Ramer et al], 227

Publications

What do food animal practitioners want to read? [JB Herrick], 196

Public Veterinary Medicine

Compendium of Animal Rabies Control, 1996 [SR Jenkins], 214

Impact and risk of foreign animal diseases [CC Brown et al], 1038

Food Safety Symposium: responding to the changing epidemiologic characteristics of foodborne disease, 1396

Results of a national survey of rabies control procedures [WB Johnston et al], 1667

Postexposure rabies prophylaxis and preexposure rabies vaccination failure in domestic animals [KA Clark et al], 1827

R

Rabies

Compendium of Animal Rabies Control, 1996 [SR Jenkins], 214

Results of a national survey of rabies control procedures [WB Johnston et al], 1667

Postexposure rabies prophylaxis and preexposure rabies vaccination failure in domestic animals [KA Clark et al], 1827

Racing

Fatal musculoskeletal injuries incurred during racing and training in Thoroughbreds [L Estberg et al], 92

Factors associated with finishing status for dogs competing in a long-distance sled race [PD Constable et al], 879

Prognosis for return to racing after recovery from infectious pleuropneumonia in Thoroughbred racehorses: 70 cases (1984-1989) [KL Seltzer et al], 1300

Radiography

Peritesticular seroma in a bull [KR Ruble et al], 33

Lateral condylar fracture of the tibial plateau in a dog [BC Dixon], 199

Esophageal mass in a dog [LA Schwarz et al], 347

Radiographic findings in cats with intranasal neoplasia or chronic rhinitis: 29 cases (1982-1988) [RT O'Brien et al], 385; Correction: 1299

Bone tumor in a dog [M Farber et al], 481

Focal osteomyelitis in a horse [EE Perris et al], 665

Maxillary sinusitis in a cow [M Miller et al], 829

Nutritional secondary hyperparathyroidism in a cat [JL Cook et al], 1019

Abdominal distention and cranial displacement of the small intestine caused by a large fat-density mass in a dog [SD Osborn et al], 1235

Slab fracture of the central tarsal bone in a horse [SA Sedrish et al], 1385

Supraspinous bursitis in a horse [DJ Cole et al], 1649

Duodenal obstruction in a foal [LE Dennis et al], 1809

Peritoneopericardial herniation of the liver with secondary chylous effusion in a cat [JL Cook et al], 1975

Intestinal obstruction in an ostrich [WP Stubbs et al], 1977

Radiography, Positive-Contrast

Vaginal stricture in a spayed dog [LF Archbald et al], 1651

Reconstructive Surgery

Use of a caudal auricular axial pattern flap in cats [GJ Spodnick et al], 1679

Rectal Temperature

Assessment of two devices for measuring tympanic membrane temperature in swine, dairy cattle, and dairy calves [MJ Myers et al], 1700

Rectum

Surgical management of a large colorectal diverticulum in a dog [GJ Spodnick et al], 72

Reflections

- People I have known from Canfield to Saratoga [JA Solomon], 659
- Veterinarians are not all created equal [FJ Alderink], 1803

Regulatory Programs

- The role of food animal practitioners in control and eradication of diseases [JB Herrick], 1966

Relaxin

- Hormonal indicators of pregnancy in llamas and alpacas [PW Bravo et al], 2027

Renal Failure

- Bromide toxicosis secondary to renal insufficiency in an epileptic dog [ES Nichols et al], 231
- Case-control study of the association between intraoperative administration of nafcillin and acute postoperative development of azotemia [PJ Pascoe et al], 1043

Renal Failure, Acute

- Hospital-acquired acute renal failure in dogs: 29 cases (1983-1992) [EN Behrend et al], 537

Renal Failure, Chronic

- Effect of treatment of hyperthyroidism on renal function in cats [SP DiBartola et al], 875

Renal Function

- Effect of treatment of hyperthyroidism on renal function in cats [SP DiBartola et al], 875
- Unilateral nephrectomy in dogs with renal disease: 30 cases (1985-1994) [JL Gookin et al], 2020

Reproduction

- Financial evaluation of vaccination and testing alternatives for control of parvovirus-induced reproductive failure in swine [JA Gardner et al], 863
- Mummified fetus in a mare [JA Barber et al], 1438
- Neospora* species infection in a herd of dairy cattle [C Bjorkman et al], 1441
- Hormonal indicators of pregnancy in llamas and alpacas [PW Bravo et al], 2027

Reproductive Tract

- Comparison of two techniques for castration of llamas [AN Baird et al], 261

Reptiles

- Veterinary nutritional management of amphibians and reptiles [S Donoghue], 1816

Respiratory Tract

- Subcutaneous emphysema in a neonatal foal [SL Marble et al], 97
- Comparison of tilmicosin with long-acting oxytetracycline for treatment of respiratory tract disease in calves [J Musser et al], 102; Letters: 655
- Chronic obstructive pulmonary disease in horses in Louisiana [TL Seahorn et al], 248
- Clinical and clinicopathologic findings in dogs with acute respiratory distress syndrome: 19 cases (1985-1993) [C Parent et al], 1419
- Respiratory function and treatment in dogs with acute respiratory distress syndrome: 19 cases (1985-1993) [C Parent et al], 1428
- Coronavirus isolation from nasal swab samples in cattle with signs of respiratory tract disease after shipping [J Storz et al], 1452
- Epidemiologic and pathologic characteristics of respiratory tract disease in dairy heifers during the first three months of life [A-MK Virtala et al], 2035

Review Article

- Use of antimicrobial-impregnated polymethyl methacrylate [KM Swalec Tobias et al], 841
- Vaccination of dogs and cats in veterinary teaching hospitals in North America [PD Mansfield], 1242
- Clinical application of interferons in large animal medicine [BR Moore], 1711

Rhinitis, Chronic

- Radiographic findings in cats with intranasal neoplasia or chronic rhinitis: 29 cases (1982-1988) [RT O'Brien et al], 385; Correction: 1299

Rodenticides

- Laryngeal obstruction secondary to brodifacoum toxicosis in a dog [J Peterson et al], 352

Rotaviruses

- An unusual group-A rotavirus associated with an epidemic of diarrhea among three-month-old calves [KJ Clark et al], 552

S

Salaries

- Trends in starting salaries and educational debt of graduates on US veterinary medical colleges, 1983 to 1995 [BC Gehrke], 206
- The real job market [AS Clark], 860
- Factors affecting starting salaries of veterinary medical graduates, 1993-1995 [BC Gehrke], 1660

Seals

- Mycotic dermatitis in an Atlantic white-sided dolphin, a pygmy sperm whale, and two harbor seals [S Frasca, Jr et al], 727

Sea Otters

- Chemical restraint and anesthesia of sea otters affected by the oil spill in Prince William Sound, Alaska [DC Sawyer et al], 1831

Sea Turtles

- Anesthetic and postanesthetic management of sea turtles [PF Moon et al], 720

Seizures

- Behavioral changes associated with suspected complex partial seizures in Bull Terriers [NH Dodman et al], 688

Serratia marcescens

- Environmental reservoirs for *Serratia marcescens* intramammary infections in dairy cows [MI Kamarudin et al], 555

Service Dogs

- Care and treatment of service dogs and their owners [JL Sandler], 1979

Sexual Harassment

- Avoiding sexual harassment liability in veterinary practices [CA Lacroix et al], 1664

Shock

- Evaluation of a hypertonic sodium chloride/dextran solution for treatment of traumatic shock in dogs [ER Schertel et al], 366

Shunt, Portosystemic

- Intraoperative use of subtraction angiography and an ultrasonic aspirator to improve identification and isolation of an intrahepatic portosystemic shunt in a dog [KM Swalec Tobias et al], 888
- Multiple extrahepatic portosystemic shunts in dogs: 30 cases (1981-1993) [HW Boothe et al], 1849

Skin

- Mycotic dermatitis in an Atlantic white-sided dolphin, a pygmy sperm whale, and two harbor seals [S Frasca, Jr et al], 727
- Quantity and distribution of *Malassezia* organisms on the skin of clinically normal dogs [RA Kennis et al], 1048; Correction: 1871

Skin Flaps

- Use of a caudal auricular axial pattern flap in cats [GJ Spodnick et al], 1679

Small Business Concerns

- Developing direction for your practice [C Palazzolo et al], 356
- Managing for the future [A Feyerherm et al], 678
- The application of simulation to veterinary practice [D Steward et al], 850
- Demonstrations of the use of simulation in veterinary practice management [D Steward et al], 856
- The dynamics of change [C Palazzolo et al], 1030
- The human side of computer technology [C Palazzolo], 1390
- Avoiding sexual harassment liability in veterinary practices [CA Lacroix et al], 1664
- Updating the art of leadership [A Feyerherm et al], 1821

Small Ruminants

- Services provided by and veterinary education of small ruminant practitioners [CL Marshall et al], 1983

Snake Venom

- Rattlesnake venom poisoning in horses: 32 cases (1973-1993) [CE Dickinson et al], 1866

Somatic Cell Count

- Sensitivity and specificity analysis for somatic cell count (SCC) used to predict bacteriologically positive subclinical mastitis at calving in a dairy herd with low SCC [JH Kirk et al], 1054
- Associations between subclinical paratuberculosis and milk production, milk components, and somatic cell counts in dairy herds [KV Nordlund et al], 1872

Special Commentary

- Clinical investigation of new animal drugs by veterinary practitioners [DA Prater et al], 190
- We need a less expensive way to produce effective veterinarians [E Gonder], 340; Letters: 1014, 1226
- Assessment of the AVMA Political Action Committee's recent past and future [MS Gearhart], 476
- Encomium on James Herriot [FM Loew], 1230
- Veterinary bioethics [MW Fox], 1628
- Total quality management in veterinary medicine—a blinding flash of the obvious [KE Kinnamon et al], 1794
- The best way to prevent foodborne disease and enhance the reputation of the veterinary profession [SR Nusbaum], 1964

Specialization

- Job analysis of specialists in veterinary surgery [D Knapp et al], 1302

Special Report

- The United States Pharmacopeia Veterinary Practitioners' Reporting Program [EK Meyer et al], 361
- Veterinary involvement in management practices of beef cow-calf producers [MW Sanderson], 488
- Job analysis of specialists in veterinary surgery [D Knapp et al], 1302
- Postoperative complications of elective surgeries in dogs and cats determined by examining electronic and paper medical records [FL Pollari et al], 1882

Spondylomyelitis

- Modified distraction-stabilization technique using an interbody polymethyl methacrylate plug in dogs with caudal cervical spondylomyelopathy [BC Dixon et al], 61

Squamous Cell Carcinoma

- Penetrating keratoplasty for treatment of recurrent squamous cell carcinoma of the cornea in a horse [A van der Woerd et al], 1692

Standard of Care

- Establishing the standard of care [HW Hannah], 1034

Staphylococcus aureus

- Use of composite milk samples for diagnosis of *Staphylococcus aureus* mastitis in dairy cattle [TJGM Lam et al], 1705

Streptococcus agalactiae

- Intramuscular administration of ceftiofur sodium versus intramammary infusion of penicillin/novobiocin for treatment of *Streptococcus agalactiae* mastitis in dairy cows [R] Erskine et al], 258

Student Loans

- The real job market [AS Clark], 860

Succimer

- Use of orally administered succimer (meso-2,3 dimercaptosuccinic acid) for treatment of lead poisoning in dogs [DT Ramsey et al], 371

Sulfur

- Elemental sulfur toxicosis in a flock of sheep [MS Bulgin et al], 1063

Surgery

- Modified distraction-stabilization technique using an interbody polymethyl methacrylate plug in dogs with caudal cervical spondylomyelopathy [BC Dixon et al], 61
- Surgical management of a large colorectal diverticulum in a dog [GJ Spodnick et al], 72
- Evaluation of five common induction protocols by comparison of hemodynamic responses to surgical manipulation in halothane-anesthetized horses [AE Wagner et al], 252
- Use of a type-III trilateral external skeletal fixation device in three deer with comminuted fractures [ML Mills et al], 559
- Evaluation of cortical bone damage and axial holding power of nonthreaded and enhanced threaded pins placed with and without drilling of a pilot hole in femurs from canine cadavers [MA Anderson et al], 883
- Use of the holmium yttrium aluminum garnet laser for percutaneous thoracolumbar intervertebral disk ablation in dogs [DT Dickey et al], 1263
- Job analysis of specialists in veterinary surgery [D Knapp et al], 1302
- Infection of the intertubercular bursa in horses: four cases (1978-1991) [NJ Vatisas et al], 1434
- Multiple extrahepatic portosystemic shunts in dogs: 30 cases (1981-1993) [HW Boothe et al], 1849
- Factors associated with perioperative mortality in dogs with surgically managed gastric dilatation-volvulus: 137 cases (1988-1993) [JD Brouman et al], 1855
- Effect of intravenous administration of fluid on packed cell volume, blood pressure, and total protein and blood glucose concentrations in healthy halothane-anesthetized dogs [JS Gaynor et al], 2013

Symposium

- Food Safety Symposium: responding to the changing epidemiologic characteristics of foodborne disease, 1396
- Introduction [FJ Angulo], 1396
- Preharvest food safety issues [B Buntain], 1396
- Postharvest food safety issues [PH Sparling], 1397
- Centers for Disease Control and Prevention response [FJ Angulo], 1398
- Food and Drug Administration response [S Altekruze], 1399
- State health department response [L Barrett], 1400
- United States Department of Agriculture response [J Prucha], 1400

State agricultural agency response [MA Van Buskirk, Jr], 1402
Veterinary school response [BE Hooper], 1402
Industry response [B Lautner], 1403

T

Tachycardia, Supraventricular

Supraventricular tachycardia in a young dog [KN Wright et al], 75

Therigenology Question of the Month

Equine case: Uterine rupture in a mare [K Wolfsdorf], 201
Postpartum complications in a mare [D Waldow], 831
Vaginal stricture in a spayed dog [LF Archbald et al], 1651

Thoracic Duct

Subcutaneous accumulation of chyle after thoracic duct ligation in a dog [R Farnsworth et al], 2016

Thrombosis

Probable recurrent femoral artery thrombosis in a dog with intestinal lymphosarcoma [SL Ihle et al], 240

Thyroid Gland

Effect of illness not associated with the thyroid gland on serum total and free thyroxine concentrations in cats [CT Mooney et al], 2004

Thyroxine

Effect of illness not associated with the thyroid gland on serum total and free thyroxine concentrations in cats [CT Mooney et al], 2004

Tibia

Surgical treatment of subchondral cyst-like lesions in the tibia of an adult pony [MA Ball et al], 704

Tiletamine

Immobilization of guanacos by use of tiletamine/zolazepam [RJ Sarno et al], 408

Tilmicosin

Comparison of tilmicosin with long-acting oxytetracycline for treatment of respiratory tract disease in calves [J Musser et al], 102; Letters: 655

Timely Topics in Nutrition

A survey of veterinarians' knowledge and attitudes about nutrition [CA Buffington], 674
Veterinary nutritional management of amphibians and reptiles [S Donoghue], 1816

Toggle Pin

Use of modified toggle pin for coxofemoral luxation in dogs with multiple orthopedic injuries: 14 cases (1986-1994) [HP Beckham, Jr], 81

Toxicoses

Bromide toxicosis secondary to renal insufficiency in an epileptic dog [ES Nichols et al], 231
Laryngeal obstruction secondary to brodifacoum toxicosis in a dog [J Peterson et al], 352
Use of orally administered succimer (*meso*-2,3-dimercaptosuccinic acid) for treatment of lead poisoning in dogs [DT Ramsey et al], 371
Methylphenidate toxicosis in a cat [BW Gustafson], 1052
Elemental sulfur toxicosis in a flock of sheep [MS Bulgin et al], 1063
Rattlesnake venom poisoning in horses: 32 cases (1973-1993) [CE Dickinson et al], 1866

Tracheal Collapse

Surgical treatment of tracheal collapse in dogs: 90 cases (1983-1993) [JL Buback et al], 380

Transplantation, Bone Marrow

Allogenic marrow transplantation in a cat with acute myeloid leukemia [PW Gasper et al], 1280

Trauma

Evaluation of a hypertonic sodium chloride/dextran solution for treatment of traumatic shock in dogs [ER Schertel et al], 366

Twins

Equine case: Uterine rupture in a mare [K Wolfsdorf], 201

Tympanic Membrane

Assessment of two devices for measuring tympanic membrane temperature in swine, dairy cattle, and dairy calves [MJ Myers et al], 1700

U

Ulcer, Gastric

Effect of aluminum hydroxide/magnesium hydroxide antacid and bismuth subsalicylate on gastric pH in horses [CK Clark et al], 1687

Ulcers, Decubital

Epidemiologic study of decubital ulcers in sows [PR Davies et al], 1058; Correction: 1881

Ultrasound

Intraoperative use of subtraction angiography and an ultrasonic aspirator to improve identification and isolation of an intrahepatic portosystemic shunt in a dog [KM Swalec Tobias et al], 888

United States Pharmacopeia

The United States Pharmacopeia Veterinary Practitioners' Reporting Program [EK Meyer et al], 361

Ureteroliths

Use of extracorporeal shock wave lithotripsy for treatment of nephrolithiasis and ureterolithiasis in five dogs [G Block et al], 531

Urinary Calculi

Use of extracorporeal shock wave lithotripsy for treatment of nephrolithiasis and ureterolithiasis in five dogs [G Block et al], 531

Urinary Tract

Epizootiologic evaluation of urolithiasis in cats: 3,498 cases (1982-1992) [R Thumchai et al], 547

Uroliths

Epizootiologic evaluation of urolithiasis in cats: 3,498 cases (1982-1992) [R Thumchai et al], 547

Uterus

Postpartum complications in a mare [D Waldow], 831

V

Vaccination

Effects of perinatal vaccination on humoral and cellular immune response in cows and young calves [JA Ellis et al], 393; Correction: 1062; Letters: 1625
Financial evaluation of vaccination and testing alternatives for control of parvovirus-induced reproductive failure in swine [IA Gardner et al], 863
Vaccination of dogs and cats in veterinary teaching hospitals in North America [PD Mansfield], 1242

- Evaluation of vaccination of horses as a strategy to control equine monocytic ehrlichiosis [ER Atwill et al], 1290
- Benefit-cost analysis of vaccination of horses as a strategy to control equine monocytic ehrlichiosis [ER Atwill et al], 1295
- Postexposure rabies prophylaxis and preexposure rabies vaccination failure in domestic animals [KA Clark et al], 1827
- Efficacy of a temperature-sensitive modified-live bovine herpesvirus type-1 vaccine against abortion and stillbirth in pregnant heifers [RL Cravens et al], 2031

Vaccines

- Compendium of Animal Rabies Control, 1996 [SR Jenkins], 214
- Advances in feline health research: Impact on feline welfare of developments in vaccinology [JR Richards], 505

Vagina

- Vaginal stricture in a spayed dog [LF Archbald et al], 1651

Valvular Disease, Chronic

- Relationship between parental cardiac status in Cavalier King Charles Spaniels and prevalence and severity of chronic valvular disease in offspring [L Swenson et al], 2009

Vertebral Column

- Modified distraction-stabilization technique using an interbody polymethyl methacrylate plug in dogs with caudal cervical spondylomyelopathy [BC Dixon et al], 61
- Hemivertebra, scoliosis, and syringomyelia in a dog [AE Chauvet et al], 1387

Veterinarians

- Changes in the number of veterinarians and number of people in the United States, 1990 to 1994 [BC Gehrke], 486

Veterinary Job Market

- The real job market [AS Clark], 860

Veterinary Services

- Services provided by and veterinary education of small ruminant practitioners [CL Marshall et al], 1983

Visna

- Visna-like disease in a ram with chronic demyelinating encephalomyelitis [PD Constable et al], 117

W

Whales

- Mycotic dermatitis in an Atlantic white-sided dolphin, a pygmy sperm whale, and two harbor seals [S Frasca, Jr et al], 727

What Is Your Diagnosis?

- Peritesticular seroma in a bull [KR Ruble et al], 33
- Lateral condylar fracture of the tibial plateau in a dog [BC Dixon], 199
- Esophageal mass in a dog [LA Schwarz et al], 347
- Bone tumor in a dog [M Farber], 481
- Focal osteomyelitis in a horse [EE Perris et al], 665
- Maxillary sinusitis in a cow [M Miller et al], 829
- Nutritional secondary hyperparathyroidism in a cat [JL Cook et al], 1019
- Abdominal distention and cranial displacement of the small intestine caused by a large fat-density mass in a dog [SD Osborn et al], 1235
- Slab fracture of the central tarsal bone in a horse [SA Sedrish et al], 1385
- Supraspinous bursitis in a horse [DJ Cole et al], 1649
- Duodenal obstruction in a foal [LE Dennis et al], 1809
- Peritoneopericardial herniation of the liver with secondary chylous effusion in a cat [JL Cook et al], 1975
- Intestinal obstruction in an ostrich [WP Stubbs et al], 1977

What is Your Neurologic Diagnosis?

- Intervertebral disk protrusion at C5-6 in a dog [KR Ruble et al], 35
- Neospora caninum*-induced myositis [RC Longshore], 667
- Hemivertebra, scoliosis, and syringomyelia in a dog [AE Chauvet et al], 1387

Wildlife

- Use of a type-III trilateral external skeletal fixation device in three deer with comminuted fractures [ML Mills et al], 559

X

Xenotransplantation

- Xenotransplantation for food animal practitioners [JB Herrick], 826; Letter: 1788

Z

Zolazepam

- Immobilization of guanacos by use of tiletamine/zolazepam [RJ Sarno et al], 408